

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: "Gary M. - W2UX" <MAIL4GARY@worldnet.att.net>
Subject: [10734] 1000 mile/watt with TKit 1340
Message-ID: <19970202070415.AAA8015@LOCALNAME>

Worked 3D2AG tonite and sure that qualifies. Have to check the exact figures. Running 2.5 watts to G5RV. Time was 0605Z .

I love this little toy!!!!!!

73 from Gary - W2UX QRP-L #593
CW is the REAL THING! QRP ARCI #8911
(EX: WA2UAX) Lexington, SC

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Robert Penneys <radio@UDe1.Edu>
Subject: [10784] 30,17 Scout modules wanted
Message-ID: <199702022101.QAA23068@copland.udel.edu>

Wanted: used 30 and 17 meter modules for Tentec Scout.

Please e-mail directly to radio@udel.edu.

Tnx, Bob N9GG

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: kb0rol@juno.com (Bradley L Mugleston)
Subject: [10721] 38 Special
Message-ID: <19970201.213634.10287.0.kb0rol@juno.com>

Got my 38 Special last week and am reading the instructions. - Question can we use sockets for the IC's? I'm sure its been asked and answered already but I'm about 2 weeks behind in my digest reading.

I need to get the pots also - should I be looking for 10 to 1 for the tuning? What other "SPECIAL" things should I purchase to make this a really nice radio (i.e., upgrade parts)

BTW is there a file I can GET that will give me just the 38 Special thread to date?

Thanks,

de

Brad Mugleston - KB0ROL
Colorado QRP Club # 170, QRP-L #316, ARRL
QTH - Aurora, CO - DM79oq
KB0ROL@JUNO.COM
BMUG@GWL.COM

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: n4so@juno.com (CHARLES K BROWN)
Subject: [10754] 38 Special Mods/38mod.txt
Message-ID: <19970202.094534.4559.10.n4so@juno.com>

I have saved and edited most of the 38 Special mods in a file called
38mod.txt. (from the last 1000 messages or so)
Not all the files are included, but most of the important ones with
specific information on the 38S are in the file.
Ask for 38mod.txt

Ken Brown, N4SO
QTH Near Mobile, AL
QRP-L #622
n4so@juno.com

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Alan Kaul <kaul@netcom.com>
Subject: [10759] 38S Trouble shooting HELP needed
Message-ID: <Pine.3.89.9702020913.A28283-0100000@netcom4>

If 1) anyone has a working 38S
and 2) has a working VOM and the time to make a few measurements
then 3) those of us who have non-working 38S rigs would find it helpful
to have a list of voltages from all of the chips in both
transmit and receive....(not just inferred from the schematic,
but actually measured on the board)
then 4) if you still have time on your hands, another helpful thing
to have would be a list of resistance measurements -- power off --
between each chip and ground
and 5) if you posted to the list, it probably would become something useful
for anyone owning a 38S to have, and might end up in the next issue
of QRPp (especially if you posted a copy to Doug Hendricks)

(ki6ds@mail.telis.org) and gave him permission to print it

That way, John (who shall remain call-less) and I and perhaps a few others would know what we were looking for. I believe I have cooked a chip, perhaps two chips. But I would have a better idea if I knew what properties they are supposed to have!

If you don't have the time then please disregard this message.

Tnx, and 73/72 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [10733] 38S: Poss. Thump fix
Message-ID: <199702020619.XAA11868@zia.aoc.nrao.edu>

I have not really experienced a thump on my 38S ... until today. Maybe it's not even THE thump, but a woozie, anemic, psychopathic start on key down, generating a burst of white noise. So went probing around and noticed the key line inverter, HC240 pins 13 (in) on key down dropped from +7v to maybe +5v for a few milliseconds, then collapsed down to 0v.

I put a 5.1K across the .1uF cap (sorry, forgot my schematics for proper identification) ... or in effect, a 5.1K from HCT240 pin 13 to ground. Physically, I soldered it on the board where the two wires from the key jack come in, with one being ground. This makes a more established voltage divider on HC240 pin 13 and a quicker discharge path on keydown for that .1uF cap.

Don't want to call this a mod, as I don't know if this was specific to MY rig, or whether or not this will fix the thump some of you are reporting. A couple of you might try it and see if it fixes the thump in your case. It for sure fixes a woozie, anemic, psyhopatic start, however. :-)

72, Paul NA5N

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: "Thomas J. Whalen" <whalen@swcp.com>
Subject: [10717] 49er arrived!
Message-ID: <Pine.SUN.3.91.970201202822.17221A-100000@kitsune.swcp.com>

Hi All, while all of you are patiently waiting for your 38S to arrive(myself included), I sit here looking over my new 49er kit! Yep, I found an unbuilt 49er from a fellow in MD. I now have something to build so I don't go nuts waiting for my 38S! Yes, I got into the qrp thing a little later than most of you but you know what they say, "Better late than never". Had to pass up the Sierra deal from Jeff, NOWCF and am having trouble dealing with that loss. Who was the lucky one?? Think I will get on 30 m for a bit and see if I can find KR5L on his 38S! 72,Tom WB5QYT

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: W0rw@kktv.com
Subject: [10703] BC-611 Wanted
Message-ID: <199702020037.TAA49560@nss2.CC.Lehigh.EDU>

i am looking for a BC-611 75 meter QRP (1 watt) Walkie-Talkie. These are WWII Radios. Any one have one out in the shack? Paul w0rw@kktv.com

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: jim hale <kj5tf@mctc.com>
Subject: [10773] DX on 15M sunday
Message-ID: <32F50AFA.5B56@mctc.com>

I didnt get a chance to look on other bands but was able to try 15M sunday. Some contest going on, but didnt see anything in CQ or QST abt it. I think its the "FOC" contest...
I worked G0IVZ he gave me a 559 on 21.027mHz at 16:23Z then at 16:39 worked ZS6FOC and got a 579 report. I was useing my QRP+ and 2 ele quad @ 60'.
Its been awhile since I've heard G and ZS stations ! gl 72/3'z de Jim

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: "Richard E. Fisher" <ki6sn@pe.net>
Subject: [10769] Final Reminder: ARS Spartan Sprint
Message-ID: <01BC10F8.F79C9820@ki6sn>

The February Spartan Sprint will be held on February 3 (which is our standard date--the first Monday of the month). Our shift manager, Russ Carpenter, will be out of the country in February. PLEASE EMAIL YOUR RESULTS TO RICHARD FISHER, KI6SN, at KI6SN@juno.com. Or use our new automated Spartan Sprint report at the ARS web site.

If you are a newcomer to the Sprints, take a look at the introductory material at the end of this post.

1. Start at 9:00 PM EST, 8:00 CST, 7:00 MST and 6:00 PST.
Finish at 11:00 PM EST, 10:00 CST, 9:00 MST and 8:00 PST.
2. The frequencies will be 7040+- kHz and 3560+- kHz. (You may operate one or two bands--your choice.)
3. Exchange RST, SPC (state, province or country) and power output.
4. If you choose to call CQ, use the format "CQ SP".
5. If you are operating under the portable QRP rules, add "/PQ" to your call. (You can find those rules at our web site, <http://www.natworld.com/ars>.)
6. You can take credit for working the same station on a second band.
7. To spice things up, we'll give you double credit for every contact on 80 meters.

After the contest, send Richard Fisher, KI6SN, an e-mail with your total QSOs and the total weight of your station (i.e., the combined weight of the transmitter, receiver, key, keyer and battery). You may also include your comments from the soapbox. If you get that information to Richard by Tuesday night, he will include your data in the contest results, which will be published on Thursday on QRP-L. Richard's email address is KI6SN@juno.com.

As an alternative, you can use our new automated Spartan Sprint report at the ARS web site. Just fill in a few boxes, click the "submit" button and you're done! You can get directly to the report page with this URL: http://www.natworld.com/ars/events/spartan/submit_spartan.html. Or you can take a more leisurely (and rewarding) stroll through the ARS site by going to the home page at <http://www.natworld.com/ars>.

The Spartan Sprint is based on a simple but stimulating concept. We are encouraging all of you to cobble together the kind of station you'd use in a portable environment--lightweight transceiver, keyer, key, antenna tuner and battery. Then put that turkey on the air, and participate in a two hour sprint.

All operators are invited to play, whether or not they are members of Adventure Radio Society. Even if you don't have lightweight equipment, your participation will be rewarding, both for you and the other participants. We'll report the score in two different formats--absolute scores, and points per pound of station weight. So you can get your kicks from running up a magnificent score, or achieving a remarkable ratio of points per pound.

ARS provides handsome certificates to the operators who achieve the top two scores: in points, and points per pound.

You can get a full explanation the Spartan Sprints from our web site, <http://www.natworld.com/ars>.

If you're thinking about becoming a member of Adventure Radio Society, just send Richard Fisher (our membership chairman) an e-mail expressing your interest. Richard's e-mail address is KI6SN@juno.com. Membership is

free, and the organization has a great group of men and women who combine their love of ham radio with their affection for the outdoors. You don't need to be a macho person; ARS welcomes people of all ages and levels of ability.

72, Russ Carpenter, AA7QU, Contest Manager

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997

From: "Mark S. Adams" <msadams@acsu.buffalo.edu>

Subject: [10751] FOX Announcement

Message-ID:

<Pine.GS0.3.95.970202092425.20459B-100000@conciliator.acsu.buffalo.edu>

Hi Gang,

I will be the fox on Monday night from 8pm to 10pm EST. (Or for the UTC types 2/4/97 0100-0300 UTC)

Starting freq is 7.037 MHz.

Don't forget that there is also a Spartan Sprint. After you bag me (and help me reach and all time record) you can have some fun in the SP.

72, Mark N2VPK

Member of the Buffalo QRP Connection

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997

From: RhyneK@aol.com

Subject: [10792] FS: OHR Explorer I Kit for 80 mtrs

Message-ID: <970202175813_-1978055040@emout05.mail.aol.com>

I have for sale an OHR Explorer I Kit for 80 mtrs new in the box unbuilt. Original list \$129.95. I am asking \$85 plus shipping for it.

Call Rhyne, KA1CX 508-392-9943 or e-mail via aol.

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997

From: Bill Acito 02-Feb-1997 1404 <acito@asdg.ENET.dec.com>

Subject: [10772] FS: St Louis Tuner, TS130 remote VFO, other stuff

Message-ID: <9702021914.AA06078@us1rmc.bb.dec.com>

- TS130SE: I found someone who was interested in the rig only, so accessoires are now available. For those of you with TS130V's, I have the following for sale:

VFO-120 remote vfo \$100

AT-130 manual mobile Tuner \$ 75

I also have the manual AT230 Tuner, which matched the larger 520/830 style radios, \$100

- still have the matching auto tuner for Yaesu 757/980, the 757AT

\$250

-Unbuilt St. Louis Tuner Kit (my backlog of kits is just too great). Looking to just cover my cost, \$80

For all items, we split shipping.

b

. - I own my own words -
Bill Acito
acito@asdg.enet.dec.com
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

W1PA qrp-ne qrp-l adv-rs arc1 norcal amsat-na arrl-life

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: rob3ert@juno.com (Robert G. Parks)
Subject: [10776] FS:NC38S- update
Message-ID: <19970202.114530.4822.0.rob3ert@juno.com>

Wow!

The response to my offer has been amazing! Ori and Doug and Jim and everyone else responsible for the NC38S should be "proud as punch" at the interest. (I guess orders for over 700 of the kits already showed that!)

Anyway, whereas I didn't expect many responses, I got a bunch!

Therefore, as I said in the original posting, I will have a drawing tomorrow (Monday) and let the selected person know. I will keep the list of people who expressed an interest, in case the first person declines.

Thanks, again. The people on this list never fail to impress me.

72/73

Bob Parks
K6AEC (Las Vegas)
QRP-L#630
NorCal#1771

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: "Thomas J. Whalen" <whalen@swcp.com>
Subject: [10719] FS:TS-120S
Message-ID: <Pine.SUN.3.91.970201203836.17221C-100000@kitsune.swcp.com>

Wanting to buy more qrp rigs and need to clear the desk of all QRO rigs!
Have above rig for sale for 325.00 plus shipping. Rig is in good conx. and
will also qrp down to about 1 watt or so. Will also throw in power
supply. Thanks, Tom WB5QYT Albuquerque, NM (505-237-2005)

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Jim Hydzik <congress@magpage.com>
Subject: [10795] FSFD (50 States) Update for Feb. 03
Message-ID: <199702022312.SAA28494@alaska.magpage.com>

Hello ALL, (QRP activity info at <http://www.dancris.com/~ki7mn>)
Please read NOTE 1 at bottom of page.
The 50 States In 50 Days (FSFD) activity started Jan 01 and runs through
Feb. 18. Below is a the schedule of the remaining States. We will attempt
to provide digested schedules of states/times/bands/freqs to help reduce
message traffic to the reflector. Typically, only 1 message per day.

ALL TIMES UTC

Feb. 02 Sunday NORTH CAROLINA AE4IC, Bob 1800-1900 UTC 7.040+
1900-2000 UTC 10.116+
Highest open band-----> 2000-2200 28.060/21.060/14.060+
2100-2200 UTC 14.060+
0030-0130 MON-UTC 3.560+
0130-0230 MON-UTC 1.810+
Then to check-in to KnightLite Net on 3.710 after 0230

Feb. 03 Monday SPARTAN SPRINT no special FSFD...work everybody

This is a fun event. See ARC postings to the reflector for details.

Feb. 04 Tuesday OHIO K8DIN, Steve 1400-1600 UTC 7.042+
1800-2000 UTC 14.050
0000-0300 WED-UTC 7.040+

AA8EB AA8EB 1300-1400 UTC 7.042+
1400-1500 UTC 10.118+

		1500-1600	UTC	14.052+
		0145-0300	WED-UTC	7.042+
K8NU	K8NU	1800-2000	UTC	14.050+
KG8SF	KG8SF	2000-2200	UTC	7.040+
WD8RIF, Eric		0200-0330	WED-UTC	3.544
NS80, Greg		2300-0100	UTC	7.040 +/-
		0200->	WED-UTC until no Q's	7.040 +/-

Other Action: New England QRP Club 79er SPRINT 3.579 MHz 0200-0300 WED-UTC

Feb. 05 Wednesday	OKLAHOMA	AB5UA, Cliff	0300-0400	THUR-UTC	7.042
			0400-0500	THUR-UTC	3.556

KR5L	KR5L	KR5L, Jerry	TBA
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Feb. 06 Thursday	OREGON	N7CQR, Dan	1800-1900	UTC	14.060
			1900-2000	UTC	10.116
			2300-2400	UTC	14.060
			0200-0400	FRI-UTC	7.042
			0500-0700	FRI-UTC	7.042

		KB7RTA, Henry	1630-1650	UTC	7.037
			1700-1720	UTC	14.057
			1930-1950	UTC	21.059

(posted by K3QIO but not confm'd A/O 2/2)			0300-0345	FRI-UTC	3.557
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Feb. 07 Friday	PENNSYLVANIA	KT3A, Cam	0130-0330	SAT-UTC	7.042
		Maybe more to follow			

NR3Z, Marty; possible, stay tuned.

Feb. 08 Saturday	RHODE ISLAND	KA9HA0, Randy	0000-0400	SUN-UTC	7.037-042
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Feb. 09 Sunday	SOUTH CAROLINA	K4NK, Les	1100-1200	UTC	3.560
			1300-1500	UTC	7.040
			1700-1800	UTC	10.116
			1800-2000	UTC	14.060
			2100-2200	UTC	10.116
			2200-2300	UTC	14.060
			2300-2400	UTC	7.040

0000-0100 MON-UTC 7.040
0100-0300 MON-UTC 7.040

WJ4P WJ4P, Randy TBA

W2UX W2UX, Gary TBA

N4UK N4UK, Ken TBA

Feb. 10 Monday SOUTH DAKOTA NR5A, Jerry TBA

Feb. 11 TUE. Special Guest Feb. 14 Fri. Vermont Feb. 17 Mon. Wash. DC
Feb. 12 WED TEXAS Feb. 15 Sat. WYO & VA Feb. 18 Tue. CANADA
Feb. 13 Thur. UTAH Feb. 16 Sun. WA Feb. 22-23 FYBO

The FSFD Blow Out Weekend is in the planning stages to work with and in FYBO.
More info to follow. Looking for North Dakota this weekend.

NOTE 1. Most sign-ups came with a note saying they would go longer if busy.
Frequencies are +/- QRM & typ. may reach as far as 3-4 KHz from posted freq.
If am major QRP frequency is listed, like 7.040, it means close by if
possible. We will attempt to avoid being right on 7.040, 14.060, 10.116, etc.

CALLING CQ: A suggestion. If we call CQ WAS or WAS QRP de K6.... etc,
we give those not on QRP-L an indication of what we're doing. FSFD type
calling might be too cryptic for all but ourselves. However 'FS' is fine
when busy. Exchange RST, State/Province/Country, and Name. Power level is
nice to know.

If you want to sign-up for an upcoming State, e-mail band/freq/time directly to:
congress@magpage.com

Thanks for all the responses/encouragement and suggestions. Lets have a blast!

Jim K3QIO Wilmington, Delaware

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Ken Newman N2CQ <103464.1355@compuserve.com>
Subject: [10775] FSFD - NJ
Message-ID: <970202194050_103464.1355_IHI101-1@CompuServe.COM>

Thanks for the calls on FSFD CQs from the GREAT STATE of NEW JERSEY!
I had to QRT at 17:00 to go to work but most QRPers are there already.
If any of the group need NJ, QSL is no problem. It was fun to be part
of the FSFD in NJ and about as close as I can get to be a Fox.

LOG: SNT RCV

40	1408z	K3QIO	339	339	DE Jim	*NOTE#1
	1410z	WA8LCZ	579	439	MI Byron	
	1415z	K4WZ	559	559	GA RON	
	1417Z	W0NFI	569	538	MO DAVE 5W	
	1419Z	WB8AJD	579	559	OH BILL 4W	
	1423Z	K2HPV	599	599	NJ HERB	*NOTE 2
	1433Z	N8LBI	599	589	OH JOHN 9W	
	1437Z	W1ABE	559	589	RI LESTER	
	1448Z	K8IDN	599	599	OH STEVE 5W	
30	1500Z	W9KI	579	589	AR HOWARD 5W	
	1502Z	K5ID	579	559	AR KEN 5W	
	1507Z	K2HPV	599	599	NJ HERB	*NOTE 2
	1520Z	WB9MII	589	579	IL GREG 5W	
	1531Z	N0NZ	559	419	NE DALE 4W	
20	1602Z	K5ID	579	579	AR KEN 5W	
	1606Z	K2HPV	599	599	NJ HERB	*NOTE 2
	1621Z	W0FWW	599	379	NE LEW QRO	
	1633Z	N4BP	589	589	FL BOB	
	1638Z	KK5RO	579	579	OK VERNON	
	1642Z	AB7MY	569	449	AZ GARY 5W	
	1645Z	K5JH	578	579	AR JIM 4W	
	1650Z	KA5T	559	449	TX LARRY 5W	
	1653Z	NQ7X	559	567	AZ FLOYD 5W	

NOTE 1: FIRST QSO with the FIRST state with the FIRST to come up with FSFD. (Less power I could give Jim a 119)

NOTE 2: Slightly short of the "1000 mi per WATT" QSO.
(only short of 4998 miles with 5w)

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
 From: "Gary M. - W2UX" <MAIL4GARY@worldnet.att.net>
 Subject: [10731] FSFD South Carolina Feb. 9 - Requests??
 Message-ID: <19970202053001.AAB18026@LOCALNAME>

Anyone have any special requests for South Carolina. I am scheduled to be on on Sunday the 9th of Feb. Hope that has not changed. I am putting together a sked of times and freqs and want any input. I will give to Jim to post. I will definitely be on 40M (my favorite band) in the morning and evening.

73 from Gary - W2UX QRP-L #593
 CW is the REAL THING! QRP ARCI #8911

(EX: WA2UAX)

Lexington, SC

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: wa5whn@juno.com (Jay D Miller)
Subject: [10785] FSFD/NM/QRP/QRM
Message-ID: <19970202.142233.8295.3.wa5whn@juno.com>

QRP-Lers,

One major correction:

In my log, I had WA1QVM (H ?) Joel in Mass.. Well, it's WA1QVM, sorry about that Joel. Just a solid wall of 1's in the VT contest ;-)

KI6SN, wow ! You had copied me with Your' Spider through all of that QRM ? Just a reminder, no SASE's please... Both Judy & I are ok in the QRZ Callbook , for those of You who are not familier with QRZ (<http://www.qrz.com/>) or send email to

subj: {blank}
{In the body of the message}
lookup wa5whn
lookup k5fo
lookup w5bi

You will get a message back, with the complete addresses.

Can I make a suggestion to the Group ? Make FSFD an annual event or semi-annual event, since there are some of us who don't have all the States (QRP). Let me guess, I am the only one who needs 12 more States (NJ is one that I need QRP), right ? Make that the 50 States in 365 days ;-). Plus, we have new QRP types joining the ranks monthly. Maybe they would like to work all 50 States QRP too ??

Dumb question; why don't we have a worked all Canada QRP contest too ? Why should the States have all of the fun ? I was listening to W6OBB on one of the 50KW DC band stations the other night, and he was (joking) telling his audience that Canada was thinking about invading the USA. Hmmm, we could delay that invasion by encouraging one of the Canadian QRP Clubs to sponser this event, then they could invade the USA, during the summer. Hey, we should give Canada the District of Columbia & The Commonwealth of Massacuetts & 20 points ("The Patriots") too. ;-)

Thanks, we had fun...Jay-WA5WHN & Judy-WB5LYJ

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: wa5whn@juno.com (Jay D Miller)
Subject: [10707] FSFD/NM/QRP/QRM/WB5LYJ/WA5WHN
Message-ID: <19970201.181347.4551.0.wa5whn@juno.com>

QRP-Lers,

I am sorry, there were a few who I just could not pull out of the QRM on 20 & 40, even notched & DSP set for under 300 Hz. However, what a real pleasure on 30 meters (quiet). 10 meters & 15 meters did not open up out here. Judy & I had fun, in between chores & #1 Son (KB5OME) returning from college. If anyone needs NM, let me know & I will set up a schedule. Judy (WB5LYJ) was using an old J-38 hand key. Keyboard is too easy. :-)
Everyone's, except where so noted, power level was equal to or less than 5 watts.

20 meters (WA5WHN) QRM & QSB

WA1Q?? (Kept trying)
WZ2T (Nice Sig Rick)
WA0UIG (Russ, the lonely & only Zero today)
WA2OCG (Through the QRM, nice job Mike)
K1CL (Tnx Chuck)
KE4YH (My only Fl. contact)
AB7TK (Randy, nice to work You with your' new call)
K7TP (in between two 9's talking right on the same freq.)
KD6GC (QRO, wanted to know what FSFD was)
W9ZEN (Nice call Johnny)
WB6FEK (QRO)
WN9U (No QRM on this contact, nice job Gary)

30 meters (Ah, piece & quiet, and an opportunity to chat ;-)) from the Patio

K5ID (Tnx for the pleasant chat Ken)

N5JKY (Very patient)
KF6CTA (Nice sig from a 38S)
W9KI (Nearly blew me out of the headset, 599++)
KD7S (Another 38S, nice sig Bill)
VE5RC (my 4A Battery was down to 11 VDC here, chirp) Nice sig...
K4NK (Tnx for the patience)
WA8LCZ (QSB, but popped up to 579)
AC5AM (NE QRP Club QRP AField Winner)

40 meters (QRM, QRM, QRM VT Contest, along with everyone else :-()
{ For once, there were more 1's on than 6's, plus the one's were QRMing
the 6's }

N6VZN (WB5LYJ was on 40 cw, pure QRM)
KI6SN (Everyone was on 7.038 Mhz, with us, tnx Rich)
AC6KW (nice sig)

{Had to depart, because we had to catch the next showing of "Star Wars".
}

72... Judy, WB5LYJ & Jay, WA5WHN

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Richard Sherman <srichard@aldus.northnet.org>
Subject: [10746] FSFD: WZ2T NY report
Message-ID: <3.0.16.19970202134500.3bbfe0f0@aldus.northnet.org>

Hi All,

A day of QRP hamming, the much awaited and anticipated debut of MST3K (no badgers but lots o' monkeys), and a new episode of Star Trek who could ask for more? I could ask for 15m to be open. I only had 1 qso on 15m :-(Probably should have switched to 20 early but I decided I'd better honor my schedule. Gave me plenty of time to go looking for Jay in between CQ's though :-). 40m also seemed to be a bit of a bust too but not bad. At least my mailman won't need the big truck to pick up the outgoing QSL cards after all, he'll be happy.

I didn't seem to have to much of a problem with QRM/N but the QSB on 40 was wicked. Not sure if I just got lucky that way or if I'm just ignorant of what was really going on. Don't answer that ;-). I did have one tuner upper on my freq on 80m for about 20 minutes. So when he let up after a particularly long time with the key down, I said, "TU WA2GEV ES TNX FER QSO de WZ2T dit dit". I pretended a QSO with my original callsign just to see if he'd go away thinking he wasn't stopping me from making QSO's. Not sure if it worked but he did go away a minute or so later.

The results:

15M

N7RD AZ

20M

W6EMD CA

KV7X WA

KF6CTA CA

AB7TK ID

K4NK SC

K5ID AR

NF0R MO

KB0LLZ (QRO) NE

W9KI AR

W6NK CA

WA0UIG IA

K4WZ GA

K5IGB (QRO) OK

40M

K7TP CA

AB7TK ID

W7KXB AZ

WB0FVK MO

Lost K6JI, K4NK and KD6ZEE to QSB, sri guys but you dropped out completely.

80M

KE4IZH VA

K4WZ GA

K4NK (finally got Les with a real strong signal) SC

KS4HQ NC

WB8WCU (QRO) MI

N8UHL (QRO) MI

K7TP CA

72 es tnx to all,

de Rick WZ2T NNY

srichard@northnet.org

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997

From: launerb@crl.com (William H. Launer)

Subject: [10766] Hand's on experience

Message-ID: <v01530501af1a881a6bdb@[192.0.2.1]>

qrp-1 Gang,

Jack Ganssle, president of Softaid, wrote a column published in the Feb 3, 97 issue of EDN magazine entitled "There's no substitute for hands-on experience". In it, he discusses his observations of the differences between today's new engineers, and those who entered the profession in past years, often after becoming interested in engineering via ham radio experience as teenagers. It was a good column (maybe because I agreed with most of it!). I sent him the following response:

From: launerb@mail.crl.com (William H. Launer)
Subject: EDN Column/Ham Radio
Cc:
Bcc:
X-Attachments:

Jack,

I enjoyed your column in EDN (3 Feb 97). I worked as an EE at McDonnell Douglas for 36 years (now retired). You're right - we weren't all experts when we got out of school, but we were allowed to make mistakes, and develop our skills on the job by forgiving supervisors. In those days, new engineers were humbled by starting out on the drafting board (they didn't tell us about that in college, either!). Although we complained about it, we gained hands-on experience that was invaluable as we progressed up the engineering chain.

Although I didn't get a ham license as a teenager, I built radio receivers from scrounged parts (I knew every farm trash heap for miles around), then graduated to Heathkits. This experience served me well in college labs; more than once I had lab partners who had never touched equipment before. This was in the late '50's, so the lack of "hands on" experience began a long time ago.

There is still hope for engineering, though. In my last assignment at MDC, we were designing equipment for the now defunct Space Station Freedom. I worked with a group of young analog power supply designers who knew their business. They designed the circuits, bread-boarded/brass-boarded them in the lab, and ran debugging and performance tests on their designs. A lot of the designs were pretty much "common practice", but some of the designers came up with some very novel regulator designs to meet some specific requirements.

While there are a lot of "appliance operators" in ham radio, there is a groundswell of interest in building equipment. A lot of this activity is in the QRP (low power) ranks. As an example, the NORCAL (Northern California) QRP Organization has recently designed and kitted a small, state-of-the-art 30 Meter, 5 Watt cw transceiver. They announced it and

started taking orders in December, 96, and have shipped nearly 700 kits so far. The Internet has been instrumental in this resurgence of interest in equipment building; especially the QRP-L mail list. It has re-fostered the camaraderie that ham radio had in the past. The old idea of older, more experienced hams helping the less experienced newcomers to the hobby has returned with a vengeance! If you're still an active ham (or want to return to the hobby), I recommend subscribing to this list.

73, Bill wb0cld

72/73 Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-l #279 qrp arco #3551
Grid Square EM48RT

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: tahrens1@juno.com
Subject: [10787] Have to SWAP
Message-ID: <19970202.153503.4887.1.tahrens1@juno.com>

I have a 640k Poqet computer with external parallel & serial cables. Complete manuals, etc. Several PCMCIA Ram cards, eeprom, etc

Always need another HF radio or QRP stuff!!. If anybody is interested, please drop me a note

Thanks,

Tim W5FN

p.s. this computer was one of the first palm top computers
- runs DOS, and most programs that will play in 640k. (2 AA cells)

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: n1pwu@juno.com (Robert K Berlyn)
Subject: [10744] HB ELECTRONICS
Message-ID: <19970202.072248.3230.1.N1PWU@juno.com>

Good morning all,

The new 1997 HB Electronics catalog, with more good stuff for home
brewers, is about ready to be mailed.
If you have requested a catalog in the past, you are on my mailing list
and you will receive one soon. If not E-Mail your address to me at
HB.ELECTRONICS@BUSINESSON.COM

PLEASE do not send it to me here on JUNO, there is far to much traffic,
with the list and all, and I might miss it.

The catalog is also available at the URL below.

Thanks

Bob Berlyn
N1PWU QRP-L # 161 NE-QRP # 226
East Greenwich, RI
[HTTP://www.businesson.com/HAMPARTS](http://www.businesson.com/HAMPARTS)

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: john andrews <jm165723@eee.org>
Subject: [10740] HP 1706a Scope.....
Message-ID: <32F45C51.4505@eee.org>

Hi Folks,

Recently gifted with a HP 1706A scope. Can someone give me a quick
rundown on charactoristics, etc. esp. probe info.

72, John-N5INZ

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: "Lau, Zack, W1VT" <zlau@arrl.org>

Subject: [10730] HR8/KA20IG/QRP on the 29th Sunset
Message-ID: <m0vquKd-0004oRC@mgate.arrl.org>

Thought I'd mention that I heard someone work
Kris on 30 meters (a zero land station), even though
I couldn't hear Kris myself. Good Hunting--Zack W1VT

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: " Paul A. Miller, Jr." <pmiller@erols.com>
Subject: [10783] HW8 Meter
Message-ID: <32F4FFAE.13A5@erols.com>

Hello to all. Recently I purchased an HW8 new in the box. All the parts
were there except the small signal strength meter. The manual lists a part
number but no specifications. Any suggestions were I can get the meter or
a substitute that will fit the case? Thanks in advance.

73 de Paul KD4ZLJ
pmiller@erols.com
pmiller11@juno.com
Just road kill along the information highway.

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: tahrens1@juno.com
Subject: [10780] Hy-Gain TH7DXX Antenna
Message-ID: <19970202.144509.4887.0.tahrens1@juno.com>

Does anybody have one of these antennas (or the manual
for it)?

Since it's winter time, I thought I'd try and fix the one that blew
down about 5 years ago... but the only manual I found was for
a TH6DXX hmmm??? Anyhow, if anybody could FAX me the
main page (dimensions, etc), I'd really appreciate it.

Thanks,

Tim W5FN

p.s. it's 75 degrees outside... whew, what a scorcher!

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: The Painter <standoil@ix.netcom.com>
Subject: [10796] info
Message-ID: <32F52A18.6EB2@ix.netcom.com>

How can I unsubscribe to QRP-L digest?

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: kf2ph@juno.com (Nick Franco)
Subject: [10715] It's Here - WoW
Message-ID: <19970201.220003.9974.2.kf2ph@juno.com>

I just received my "38 Special" and all I can say is wow. I'm impressed.
I ordered 2 one for my friend AA2Q0 and one for me. We opened the
package together and both said WoW! for the manual and the kit - for
\$25.00 Wow.

We have our TiCK chips already and now just have to scrounge up the parts
for the 5 watts mod and we'll be ready to melt some finger tips and put
them together.

BTW: These were numbered 451 and 452 for those who want to know where
they're up to. It was mailed on 1/30/97 and arrived today from coast to
coast.

Happy Buildin' Yous Guys,

Nick - kf2ph

--
Nick Franco <>< KF2PH/qrp
QRP-L # 13 NE-QRP # 349 ARS # 128 LIQRP
Music Minister - Church of the Nazarene
Patchogue, LI NY Suffolk County

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [10777] LDG Tuners GALORE! Latest news!!!
Message-ID: <Pine.3.89.9702021442.C2700-0100000@w3eax.umd.edu>

1) UPS raised their ground service fees by almost 9% as of yesterday. In

an effort to offset this increase somewhat, I'll save some effort as well and simply drop a rebate of \$7.00 (versus \$7.50) in each box for everyone who paid me \$127.50 for an AT-11 unless otherwise noted.

2) Received a note on construction from Glenn, AE0Q. Apparently there are some ambiguities in the manual/PC board which are easily but not guaranteed resolved.

3) I have, in my living room, a box for EVERY SINGLE PERSON who ordered anything in the LDG group purchase. Jennifer was kind enough to send me a fair number of small boxes, and I had scrounged a bunch from work as well.

Of course, mystery box 3 of 4 is still in UPS-limbo-land and will probably show tomorrow. It contains:

QRP tuners
QRP enclosures
Manuals for everything

4) CUMULATIVE TIME SPENT ON THIS PROJECT:

50+ hours (so far, 12 yesterday alone)

Please consider this before volunteering to do ANYTHING. Yes, I'd do it again.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: "Laura" <sputnik@imt.net>
Subject: [10760] Looking for QRP ARCI www address
Message-ID: <199702021732.KAA25846@cu.imt.net>

All the www links I had for the QRP ARCI are coming back to me that it is no longer a valid address. Did it change and I missed it? I check all the search engines and they all point to the same address:
www.duke.edu/~djohnson/arci.html

Does anyone have a different address?

Thanks in advance,

73 de KJ7UN, Laura

Laura Marino Lubner - Reese Creek Montana USA
sputnik@imt.net <http://www.imt.net/~sputnik>
GHRC / ARRL / NORCAL / 10-10 # 68896
FISTS # 2785 / MARC / QRP-L # 790

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
Subject: [10768] NC38S: Tuning range, getting to 10.100
Message-ID: <1997Feb02.135236-0500@[130.113.234.7]>

Dan had suggested adding some turns to L1 (4.7uH), the choke that pulls the 22.1 Mhz crystal, to allow operating right to the bottom of the band. Not knocking this idea, its good.

Another way you might consider is to replace L1 with a 6.8uH choke. But that'll possibly pull the VX0 too far (if you've not done the RIT mod yet). And you don't want to go below 10.1000...so add a trimpot to the bottom (grounded end) of the main tuning pot P2. About 20K ohm trimpot. Crank P2 to its bottom end, and adjust the trimpot to hit the bottom band edge. If you decide to add RIT later, just leave the 6.8uH choke in (required by the RIT mod) and be prepared to re-adjust the trimpot...

...once you add the rest of the RIT mod, the lowest frequency will be higher than it was before. I'd bet that most find that the 6.8uH inductor, combined with the RIT mod, keeps signals inband.

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Joel Malman <malman@BBN.COM>
Subject: [10788] NCJ Sprint Format
Message-ID: <199702022146.QAA61221@nss2.CC.Lehigh.EDU>

Anyone care to comment on their format ... the changing frequencies rules out S+P testers for the most part. I like the standard contest formats and am NOT going to do any of the NCJ Sprints until the format changes.

/joel wa1qvm

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [10752] NEC antenna models
Message-ID: <Pine.SOL.3.94.970202095520.11278C-100000@utkux4.utcc.utk.edu>

At the request of the NECWin Basic/NECWin-Pro folks, I have about 3 dozen antenna model files which can be downloaded at their web site:

<http://www.nittany-scientific.com/examples.htm>

The files range from 80/40 meter wire antennas to upper HF antennas to a few 2 meter items. Unfortunately for EZNEC users, they are in standard NEC card-file format, but with a little practice, you can extract the data to create an EZNEC input file. NEC-2 programs that can read ASCII card files can use the models directly as inputs.

These are samples only--not guaranteed to be optimized to the nth degree. But they do illustrate a number of modeling techniques and cautions to avoid exceeding the limits of NEC-2.

They will be adding further sample models, some common, some esoteric, as time goes on.

Unfortunately, a tutorial in NEC card reading would be too long for this forum, but the basic scheme is in NOSC TD-116, Volume 2, Part III Users Guide (January, 1981). Reading NEC cards is only distantly related to reading tarot cards, but I wish you good fortune anyway.

-73-

LB, W4RNL

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Bob Patten <n4bp@shadow.net>
Subject: [10742] Need part (not for 38S!)
Message-ID: <Pine.SOL.3.91.970202044546.17849E-100000@hyper>

While waiting for my 38S, I want to put together a 160M receiving loop. Believe it or not, I could find NO compression trimmers at the Tropical Hamboree in Miami yesterday..

Does anyone have any spare compression trimmers? Looking for three that will adjust to values of 80, 450, and 900 pf. I'd certainly be willing to pay postage and reasonable cost for the items...

Bob Patten, N4BP
Plantation, FL
n4bp@shadow.net

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: wb8ygg@juno.com (Bradley S. Mitchell)
Subject: [10790] NEW TiCK SOIC Surface mount
Message-ID: <19970202.173856.12495.6.WB8YGG@juno.com>

Product Announcement:

Embedded Research is pleased to announce that we are
now selling the TiCK in the SOIC package.

That is 50 mil pitch on the leads, and 200 mil (med)
SOIC package. If there were a kit for this, it would be a doable
kit for the experienced builder to do because the SOIC 8 pin
package isn't too bad to solder.

Price: \$5.00, (what else) shipped continental U.S.

Other shipping
prices are on our web page: <http://www.vivanet.com/~gmcsr>

To order:

Embedded Research
P.O. box 92492
Rochester, NY 14692
USA.
Ask for the TiCK-SOIC

There is no kit for this, but wow, how small
it could be!

73 Brad WB8YGG
Gary N2JGU
Embedded Research

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Dan Keen <70731.722@compuserve.com>
Subject: [10710] Nils' washer...
Message-ID: <970202015419_70731.722_EHM37-1@CompuServe.COM>

> OK, have we all been deceived? I remember hearing an awful lot of
> ramblings 'bout the Nils homestead 'cludin the Washer on the porch.....
> Now which is it man, in the garage, or on the porch?? Fess up!! maybe
> y'all gots mor en one....Thats alot of toe roids...Hmmmmmm maybe its the
> Badgers...or the Feds...Hmmmmm...

Douglas,

Damn Yankee college kid lookin for a coon skin coat bought it unerneath our
noses. Posted under "Fur Sale" it was.

Like you I was up all night wadin thru the "FS" pileup and missed it
alteegiter. Bet it was a Maytag. There oughter be a law about subject titles!

Dan K6DZ

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Jerry Parker <jparker@fix.net>
Subject: [10728] NorCal 38 Special Mods List
Message-ID: <199702020503.VAA04727@fletch.fix.net>

There is a list of mods and the mods with a table of contents
off the NorCal Page.

<http://www.fix.net/norcal.html>

72,,,Jerry...WA6OWR...K

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Bill Todd <bill@techline.com>
Subject: [10705] NW Digital Test
Message-ID: <1.5.4.32.19970202010458.00662fb4@mail.techline.com>

Wekk I guess I am not the only Washington station in the conest after all (hi). I just worked K1AM in RI, and then the VERY next station was some guy will the call KV9X in Washington.

Hay dude. Good for you! Is this fun or what?

Bill-N7MFB

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Bill Todd <bill@techline.com>
Subject: [10727] NW QRP Digital Results
Message-ID: <1.5.4.32.19970202050055.0067d818@mail.techline.com>

Gang -

This was really fun!

Here is my log of contacts for today. I will be turning in the log as a "check log", cuz I don't think I can win cuz I'm the one making out the Certificates (ha).

Activity was pretty good on 20 meters, with four stong station(s) KT4DI (FL), K8AA (MI), AA5AU (LA) and K1AM (RI), holding a frequency for hours and hours.

In total, I made 16 QSO's on 20 meters, and 15 QSO's on 40 meters. Some of the operators did much better than I did...for example, at 4 PM I talked with VERAJ in Alberta who was knocking em' dead on 20 meters with 87 contacts so far.

** Please don't let that great score discourage someone from turning in their log (hi). There are awards given out for all call areas, and a special one for DX stations) **

A complete story will appear in the February Edition of the "NWQ" Newsletter.

I hope to have the newsletter E-Mailed to Brian, KV9X on Monday morning - and the printed newsletter in the mail shortly after that.

Any comments about your experiences in the 1st ever Digital QRP test are welcome. I'll include them in the report (with your permission of course).

CUL, Bill-N7MFB

20 meters

K8AA	MI	5 WATTS
K5DJ	TX	5 WATTS
AA9PZL	IL	10 WATTS
KT4DI	FL	10 WATTS
N1RCT	ME	10 WATTS
N0IBT	CO	5 WATTS (Hi Dave!)
NI8Z	OH	5 WATTS
K6AW	CA	8 WATTS
N8AHK	OH	10 WATTS
AA5AU	LA	10 WATTS
W6KNB	CA	10 WATTS
K1AM	RI	5 WATTS
KF0G	IA	8 WATTS
W3GG	MD	500! WATTS (Wrong contest!)
WA3ZKZ	DE	120 WATTS (Ditto)
KK50	MS	10 WATTS

40 METERS

VE6RAJ	AB	5 WATTS (Good signal all day- esp.ON 40 METERS)
N1RCT	ME	10 WATTS
W8HVX	MI	10 WATTS
VE7KRR	AB	10 WATTS
KT4DI	FL	10 WATTS (Hello Again!)
AB7ST	UT	10 WATTS
N1QPR	MA	5 WATTS
AA4QY	VA	8 WATTS
W6MO	CA	10 WATTS
K1AM	RI	5 WATTS
WA2CAM	NY	10 WATTS
K6STI	CA	10 WATTS
K5ED	TX	10 WATTS
N2CQ	NY	10 WATTS (Hi Ken!)
KP2CP/3	DE	100 WATTS

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
 From: Ken Newman N2CQ <103464.1355@compuserve.com>
 Subject: [10767] NWQRP RTTY TEST LOG (Revised)
 Message-ID: <970202184146_103464.1355_IHI73-1@CompuServe.COM>

Call used: N2CQ
 Location: NJ

Entry Class: Single Op, All Band

Band	QSOs	Pts	QTH	DX
80	0	0	0	0
40	4	13	4	0
20	19	58	12	0
15	0	0	0	0
10	0	0	0	0

Total	23	71	16	0

Claimed Score: 71

Power Output: 5

Club Participation: NW QRP Club #429

"I have observed all competition rules as well as all regulations established for amateur radio in my country. My report is correct and true to the best of my knowledge. I agree to be bound by the decisions of the Awards Committee."

Date ___/___/___ Signature _____ Call _____

Equip: TS850s (5 Watts out)
Small tribamder up 40'
Center fed Zepp
MFJ1278
RTTY by WF1B

This is definately a test to see how good the antenna is. It tells me that on 20, it is less than average. Either that, or the prop. from the east/west was one way comming from the west. Hearing good 5W sigs from the west and too many CQs not answered from the East (me). Glad to hear many of the ususal suspects in most RTTY tests QR0. Most still strong sigs but not as earsplitting. CU next week on WPX. I'll set the output a little higher on this one so I cam be heard to the west.

Score corrected

Ken Newman
81 Holly Drive

Woodbury, NJ 08096

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Ken Newman N2CQ <103464.1355@compuserve.com>
Subject: [10765] NWQRP RTTY TEST LOG - N2CQ
Message-ID: <970202181151_103464.1355_IHI60-2@CompuServe.COM>

NWQRP RTTY TEST

Call used: N2CQ
Location: NJ

Entry Class: Single Op, All Band

Band	QSOs	Pts	QTH	DX
80	0	0	0	0
40	4	13	4	0
20	19	58	12	0
15	0	0	0	0
10	0	0	0	0

Total	23	71	16	0

Claimed Score: 1136

Power Output: 5

Club Participation: NW QRP Club #429

"I have observed all competition rules as well as all regulations established for amateur radio in my country. My report is correct and true to the best of my knowledge. I agree to be bound by the decisions of the Awards Committee."

Date ___/___/___ Signature _____ Call _____

Equip: TS850s (5 Watts out)
Small tribamder up 40'
Center fed Zepp
MFJ1278
RTTY by WF1B

This is definately a test to see how good the antenna is. It tells me that on 20, it is less than average. Either that, or the prop. from the east/west was one way comming from the west. Hearing good 5W sigs from the west

and too many CQs not answered from the East (me). Glad to hear many of the usual suspects in most RTTY tests QRO. Most still strong sigs but not as earsplitting. CU next week on WPX. I'll set the output a little higher on this one so I can be heard to the west.

Ken Newman

81 Holly Drive

Woodbury, NJ 08096

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997

From: launerb@crl.com (William H. Launer)

Subject: [10791] Phoenix Crystal follow-up

Message-ID: <v01530502af1aca7f052f@[192.0.2.1]>

I just received the following from John Morris of Phoenix Crystals:

>Dear Bill,

>A ham friend of mine in KC forwarded your QRP msg down to me. I have
>located a source for the HC-6 crystal holders and have been promised 6
>weeks delivery. I will also be able to supply both the HC-18 and HC-25
>type holders. The HC-6 units can be supplied with the regular .050"
>pins or with an adapter sleeve so the crystal will fit the same size
>socket as the old FT-243 type holder or you can plug two of them into
>an old 8 pin octal type tube socket. I'm fairly familiar with the
>oscillator circuits currently in most of the QRP circuits. I'm mainly
>>interested in what frequencies everyone would be interested in, so that
>I can start building up my blank bank. At present it still looks like
>the \$5.00 or so each crystal will be what I'm still shooting for. I'll
>probably try and offer some "stock" frequency groups or selections for
>the QRP groups including some for the Novice freqs. My E-Mail address
>is n0acs@juno.com. I will try and answer any E-mail inquiries. My present
>plans do not include taking credit cards on orders, and I'm sorry if
>this causes anyone an inconvenience so just a check in the mail will
>suffice. I estimate shipping will be \$2.00 for 1 or 2 crystals and
>\$3.00 for 3 or more. Hope this fills in some more info for you guys in
>QRP. 73 and happy hamming.
>N0ACS John/Phoenix Crystals

If I can find it, I'll forward the qrp frequency list to him (my hard drive is like some of the shacks being described!).

72/73 Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-1 #279 qrp arc1 #3551
Grid Square EM48RT

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: launerb@crl.com (William H. Launer)
Subject: [10714] Phoenix Crystals
Message-ID: <v01530502af19b0a74b89@[192.0.2.1]>

qrp gang,

The following is forwarded from the "Boatanchors" list (with the author's permission). It looks like there will soon be another source for crystals.

72/73 Bill wb0cld

Fellow Boat Anchorites & Glow Buggers:

I sent a letter to Mr. Morris with a SAP (Self-Addressed Postcard) and received the following response, mailed January 28:

"... We should be switched over and doing amateur xtals within next 30 days. Present holdup is locating HC-6 crystal cans -- haven't been able to find a source still making them in U.S. Also we will need to build up our xtal blank bank to fill orders faster, so if you all could let me know what freqs and holders you are interested in, it would help. I'll put you in file so you'll get our price list and xtal info as soon as it's ready to mail."

Personally, I don't care what holder he uses so long as it can be plugged in to some sort of socket in a ham transmitter, but y'all may differ.

I'm sending in an order for the GB and BA freqs on 40 and 80 meters, with a request for info on possible 160-meter rocks. Let's hope he's inundated with orders,

which I figger is a good situation when you're starting up a new business!

It might also be a good idea to let him know some details about the oscillator circuit(s) you expect to use, as this does have some effect on the final frequency.

Here's the contact info:

John R. Morris (N0ACS ex W9LSK)
Phoenix Crystals
1714 North Ash Street
Nevada, Mo. 64772

phone: 1-417-667-6179 (Note: daytime phone is answered by message recorder. If Mr. Morris is at his shop, that's 15 miles out from his home, with no phone!) Possibly he may be reached at home after 6:00 PM CST, but I expect US Mule is preferred.

73 de WB6BYH

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-1 #279 qrp arco #3551
Grid Square EM48RT

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: wb8ygg@juno.com (Bradley S. Mitchell)
Subject: [10771] Piezos for TiCK-1 board/chip kits.
Message-ID: <19970202.140746.9255.2.WB8YGG@juno.com>

Hi everyone.

Craig WB3GCK pointed out to me that when using his peizo with the TiCK-1 board, and chip kit, that it was on constantly.

Basically if you use your own piezo, you should use the kind that

does NOT have internal circuitry. Piezo buzzers always have internal circuitry, and run off of D.C... Hooking this kind up to the TiCK chip with 625 Hz square wave out of pin 3, will create strange results.

Radio Shack makes several piezos that require external circuitry, and that's the kind you want.

Example is 273-073. This is large , but works fine. They have other piezo's too, but I'm not sure of the other part numbers.

Any piezo marked as piezo buzzer is the wrong kind, and usually these have a polarity marked on them.

I hope this helps.
Thanks to Craig for pointing this out!

73 Brad WB8YGG

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: ROYGREGSON@aol.com
Subject: [10743] QRM Squasher !
Message-ID: <970202051031_1112143560@emout13.mail.aol.com>

Preston and gang....The DeMaw QRM Squasher does work great ! And Preston it sounds like you have found about a quick dit wiping out the Q2 FET. I have made a few mods to mine, #1 add the diodes as suggested by Doug, you'll not wipe out a FET again ! Other problem is remembering to switch it in and out when using a QRP rig. I finally took a few moments (couple of hours) and added an RF sensed switch to operate the relay. It works great !

I added a 500mf cap across the relay for a slight delay, so it pulls in and stays during normal keying. Turned down xmit power and found it will operate with 1 watt.

>From "Receiver" antenna connector, add a 1k resistor in series with a .01 cap to base of a 2N2222. A 1N4148 diode, cathode to base of 2N2222 to ground. Junction of 1k resistor and .01 cap, another 1k resistor to ground. 2N2222 emitter to ground, collector to the J4 control point (D10). A 2N3904 will also work !

Thats it, there may be a better way, but this does work and it is simple, only 6 parts. To operate, turn on power and after adjusting for no noise, with S1 on, just hit key to transceiver, and it all switches automatically. Someone asked where the original article was, look on page 24 of June 1996 CQ.

There is one problem with the Squasher, I'd be interested in hearing from

others if they have the same thing. but when the squasher is on, in the circuit, I hear KPH, a Navy Fox station on 30M. The Fox station is about 10.112, so something is mixing with something else ! Been years since I heard KPH, copied lots of FOX as a Navy Radioman !
Have fun 72's/73's Roy

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: N4JS <n4js@amsat.org>
Subject: [10794] QRP-ARCI Web Page
Message-ID: <v03020900af1ad29c5d63@[206.106.174.44]>

Somebody asked about the QRP-ARCI web page address. It has moved to:
<http://www.rtpnet.org/~qrp>

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John L. Sielke n4js@amsat.org n4js@pobox.com
n4js@n4js.ampr.org NJ Grid:FM29LN

<http://www.pobox.com/~n4js>

NJ-QRP #57

QRP-L #884 QRP-ARCI #9328 FISTS #2781 NE-QRP #507 G-QRP #9544 QCWA

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Dave & Connie Matthews <dmatt@frontiernet.net>
Subject: [10711] Radio Shack DSP
Message-ID: <199702020131.UAA29864@node1.frontiernet.net>

I need the part number and name for the DSP that Radio Shack was closing out a few months ago. I am going to go looking for one and having the numbers will help a lot.

Dave
KB2YWT

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997

From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
Subject: [10726] REDUN-DUN-DUN-DANT MESS-MESS-AGES
Message-ID: <19970202044604.AAA6614@LOCALNAME>

IS IT SOMETHING I'M DOING? -OR, DOES IT HAPPEN OFTEN THAT 2-3 REPEATS OF THE EXACT SAME MESSAGE, WITH THE SAME TIME STAMP, KEEP SHOWING UP IN THE MAILBOX? PLS ADVISE.

THANKS, =S=

"Seab" Lyon - AA1MY
Bethel, CT; FN-31-HJ
ARCI#9253; QRP-L #574
NEQRP#511; ARRL; QCWA

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Peter Zenker <100743.3320@compuserve.com>
Subject: [10763] SIERRA on Front Cover of German Ham Mag
Message-ID: <970202174936_100743.3320_EHV110-1@CompuServe.COM>

Hello gang,

I am very happy. The newest "test the kit " series article has been printed in the Febr. issue of the FUNKAMATEUR. At the best, I have two big sized, very sexy fotos of the SIERRA on the front cover, some others inside including one showing me operating in the QRP Contest with a SIERRA at minus 18 degrees C outside in deep snow :-))).

A new milestone for QRP in Germany. (not operating in snow, but the cover foto. You can see a little copy of that front page at <http://www.funkamateur.de>

Lots of folk asked me, to test as a next kit one for SSB to. There are not to many kits for SSB use, but I plan to build and test a CASCADE.

Is there someone, who can tell me where I can order a CASCADE kit ? do they have a web page? Telefon? mail adress?

72 from old Berlin / DL

Peter, DL2FI

!^NavFont02F027D0016IGHiH81IH9AiIMII3BHI7E709E

E-mail von: Peter Zenker, 02-Feb-1997

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: "Thomas J. Whalen" <whalen@swcp.com>
Subject: [10718] Small Wonder
Message-ID: <Pine.SUN.3.91.970201203712.17221B-100000@kitsune.swcp.com>

Anyone out there have the URL for Small Wonder Labs? Tnx es 72, Tom

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Jerry Parker <jparker@fix.net>
Subject: [10729] Small Wonder Labs URL
Message-ID: <199702020506.VAA04881@fletch.fix.net>

Sure.

Small Wonder Labs may be found at:

<http://www.fix.net/~jparker/sml.html>

72,

Jerry...WA6OWR...K

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: "Thomas J. Whalen" <whalen@swcp.com>
Subject: [10793] Soldering GUN-IRON
Message-ID: <Pine.SUN.3.91.970202160618.8919A-100000@kitsune.swcp.com>

Most of us all have one of those big Weller soldering guns, and they do work fine for the big stuff. My little 25 watt iron broke the other day and I needed to solder a little board that required less heat. I got the idea of taking about a 4 inch lenth of # 14 or # 16 coil stock and wrapping several turns of wire on one leg of the gun and leave about an inch or so extending out the end. I can solder like crazy now with just the perfect size tip. Now, I can get started on the 49er!!! 72, Tom WB5QYT

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: ka0yos@arn.net
Subject: [10789] STK032

Message-ID: <199702022156.PAA12913@arnet.arn.net>

I realize this isn't terribly QRP related, but could someone tell me where I could find an STK032 (Sanyo), ECG 1090, or an NTE1090? The ECG and NTE parts are discontinued.

Thanks and 73,
Joe

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: "Gary R. Widmayer" <grwidma@edcen.ehhs.cmich.edu>
Subject: [10712] Thanks Builders
Message-ID: <32F3FA95.7463@edcen.ehhs.cmich.edu>

Many thanks to all the "builders" who responded to my question. It seems we do have many builders on this list who are in the middle of a qrp radio, tuner, or qrm killer project.

Please keep us all informed on your progress, as there is more to qrp than the 38S and the 49'er even though these are very fine projects as well. We all learn when you the kit builders forward on your trials and success stories.

Thanks agn.

Gary/N8AYY

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: "Steve Hurst" <shurst@magiclink.com>
Subject: [10704] Thanks to all
Message-ID: <199702020104.UAA75671@nss2.CC.Lehigh.EDU>

Thanks to all who responded to my post about Dans Small Parts. Got it !!!!
Tnx again ! 73,
Steve
KA7NOC
di dit

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997

From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [10706] TimeWave 599zx
Message-ID: <Pine.SOL.3.94.970201194735.7838E-100000@utkux4.utcc.utk.edu>

Just received one of these gems. Would not have bought it, but the YL (N4TZP) won a \$200 gift certificate at the local club Christmas banquet and put it in my Christmas stocking.

Unfortunately, the bands around here have been playing like a crystal symphony without heavy QRM and no QRN at all. Even 80 has sounded like 10 meters in terms of no background noises. I finally had to crank up the old Yaesu 767 receiver, with its early synthesizer noise floor to test the random noise killer--and it works even on noise less than the meter will register with all gain wide open and less the the noise blanker will touch.

The filters are as close to pure rectangles as I have experienced. On the low bands, you can even do without the receiver AGC in some circumstances by using the 599 AGC--hence, little of the adjacent channel pumping but still elimination of the adjacent signal.

So far as I can tell, without an adequate A-B test to use for proper comparison, this unit is likely the next generation of audio DSP. Also an audio generator, 2-tone generator, audio millivoltmeter, RTTY/data filter, computer interface (but not a decoder--need software for that). The QST review was accurate, but did not sample all features.

CW filtering is so sharp that I find myself missing the background noises that I have always heard--almost like a CW regenerator--which makes CW sound like it is coming from a code practice machine.

So if you get a chance to win a gift certificate and want what appears in the first 2 days of testing as a great audio DSP unit, you won't go wrong with this one. At full price, I likely would have merely drooled on the ad and thought about house and car repairs.

The unit calls for a 1 amp supply or module, which may be more than the 38s ("baretoe") draws on transmit. Unit also has a cable input for the rig's PTT line so that it cannot provide audio feedback during SSB transmissions and so that the rig's sidetone will not be stopped by filter settings that put it outside the bandpass. So many details, so many pages in the manual, so much to learn. . .

This is not a review, but a highly subjective set of over-enthused user responses.

LB, W4RNL

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: jerryh@webzone.net (Jerry Henshaw)
Subject: [10764] Voice CW Sender Schematic???
Message-ID: <01BC1102.0FA7E740@pm6.ppp154.webzone.net>

Hi Gang,

I attended the Oklahoma City QRP meeting last weekend... had a great time good turnout as well. One of the attendees has Parkinson's and is an avid CW operator. I volunteered to build him a voice actuated Dit Dah Sender. I thought I had the schematic for it in my magazine files.... can't find it. Does any of you have a copy of it.... please respond to my email address.

I think it was in World Radio or some other small newsletter.

Thanks in advance for your help.

73's

Jerry Henshaw
KR5L / QRP
jerryh@webzone.net

ARCI 9165, QRP-L 847, NORCAL 1999
49er, ARK 20, Wilderness Sierra, 38 Special

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Randy Hargenrader <randyh@harksystems.com>
Subject: [10762] WM-1 Peak Mod
Message-ID: <32F4D221.20E1@harksystems.com>

Where can I get the WM-1 Peak Reading Mod?

--

73, Randy WJ4P
QRP-L #296 ARCI #9152 1996 40-9er High Scorer

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Dave Sjolín <sjolin@swbell.net>
Subject: [10737] WPX Rtty Contest next weekend
Message-ID: <32F43F5F.5000@swbell.net>

Those of you bitten by the rtty bug this past weekend may be interested in the WPX RTTY contest coming up next weekend. Attached is an announcement that appeared on another list (WF1B's rtty contesting list).

The 3rd Annual
World-Wide RTTY WPX Contest
Second full weekend in February each year
February 8-9, 1997
Sponsored by: Hal Communications, Inc.
Starts: 0000 UTC Saturday - Ends: 2400 UTC Sunday

I. OBJECTIVE:

To contact as many other Amateurs around the world, using any Digital mode, including Baudot, AMTOR, PACTOR, G-TOR and CLOVER.

II. OPERATING TIMES:

For SINGLE OPERATOR and MULTI-SINGLE, only 30 hours of the 48 hour contest period are permitted. Off times must be a minimum of 60 minutes in length and be clearly marked in the log. MULTI-MULTI stations may operate the full 48 hours.

III. BANDS:

Only 3.5, 7, 14, 21 and 28 MHZ bands may be used. No WARC bands.

IV. CATEGORIES:

- A. SINGLE OPERATOR, ALL BANDS, HIGH POWER.
- B. SINGLE OPERATOR, ALL BANDS, LOW POWER, (Output 150W MAX.)
- C. SINGLE OPERATOR, SINGLE BAND, NO POWER CLASSES.
- D. MULTI OPERATOR, SINGLE TRANSMITTER, ALL BANDS, NO POWER CLASSES.
- E. MULTI OPERATOR, MULTI TRANSMITTER, ALL BANDS, NO POWER CLASSES.
- F. S.W.L.

- NOTES:
- 1. SINGLE OPERATOR means, ONE person performs all the operating and logging.
 - 2. All SINGLE OPERATOR categories are permitted only ONE signal on the air at a time.
 - 3. CATEGORY D: Only ONE transmitter and only ONE band

permitted during the same time period, defined as 10 minutes.

4. CATEGORY E: No limit to the number of transmitters but only ONE signal permitted per band.
5. SWLs must identify both stations heard and log both exchanges.
6. All transmitters must be located within a 500 meter diameter or within property limits, of the station licensee's address, whichever is greater. All antennas must be physically connected by wires to the transmitters and receivers.

V. DX PACKET CLUSTERS AND DX ALERTING ASSISTANCE ARE PERMITTED IN ALL CATEGORIES.

VI. EXCHANGE:

RST and a progressive three-digit serial number, starting with

001.

Continue to four digits if necessary. Multi transmitter stations may use separate numbers for each band.

VII. POINTS:

- A. Contacts between stations on different continents are worth three (3) points on 28, 21, and 14 Mhz, and six (6) points on 7, 3.5 Mhz.
- B. Contacts between stations on the same continent but different countries and contacts with Maritime Mobile stations are worth two (2) points on 28, 21, and 14 Mhz and four (4) points on 7, 3.5 Mhz.
- C. Contacts between stations in the same country are worth one (1) point on 28, 21, and 14 Mhz, and two (2) points on 7, 3.5 Mhz.

VIII. MULTIPLIERS:

Each VALID PREFIX is counted as a multiplier. Multipliers are counted only ONCE, not once per band, i.e. NO band multipliers. However, the same station may be contacted on other bands for additional points credit.

IX. PREFIXES:

The letter/number combination which forms the first part of the callsign will be considered the PREFIX. Examples: N8, W8, AB8, DL5, DJ2, HG1, WD200, WF96, 3DA0, GB75, ZS66, U3 etc. Any difference in the numbering, lettering or order of same, shall constitute a separate prefix. A station operating from a DXCC country different from that indicated by its callsign, MUST

sign portable.

The portable prefix must be an authorized prefix for the country or call area of operation. In the case of portable operation, the portable designator will become the prefix.

Example: K5DJ operating from Wake Is. MUST sign K5DJ/KH9 or KH9/K5DJ.

AMERICAN DX, i.e. KL7, KH6, KP2, KH3 etc, operating within the 48 states, MUST sign with a FULL designator of their choice.

Example: KL7xx/W7 or any other prefix authorized for use in the U.S. 7th call district, i.e. KL7xx/WY7.

UNITED STATES portables are NOT permitted to select a portable designator. E.g. WS7I/2 is correct, but WS7I/WY5 or WY6/WS7I is NOT.

PORTABLE DESIGNATORS, without numbers will be assigned a zero (0) after the second letter of the designator to form the prefix. WS7I/PA would become WS7I/PA0. All calls without numbers will be assumed a zero (0) after the first two letters to form the prefix.

Examples: XEFTJW would count as XE0, RAEM would count as RA0, etc. /A, /E, /J, /P, /M, /MM, /QRP or interim license class identifiers do NOT count as prefixes.

Special event, commemorative, and other prefix stations are encouraged to participate.

X. SCORING:

1. SINGLE OPERATOR:

(a) All Band score: total QSO points from all bands multiplied by the number of different Prefixes worked.

(b) Single Band score: QSO points on the band multiplied by the number of different Prefixes worked on the same band.

2. MULTI-OPERATOR stations. Scoring in both these categories is the same as the All Band scoring for Single Operator.

XI. LOW POWER CATEGORY: (Single Operator only)

Output must not exceed 150 watts. You must indicate Low Power on the Summary.

XII. AWARDS:

Certificates will be awarded to the highest scoring station in each category listed under Section IV. of the rules.

1. In every participating country.
2. In each call area of the U.S., Canada, Australia, and Japan.
3. All scores will be published. However to be eligible for an award a Single Operator station must show a minimum of 12 hours of operation. Multi-Operator stations must operate a minimum of 18 hours. Plaques will be awarded only to serious contest efforts. Decisions of the contest chair are final. Contestants are permitted to submit only ONE CATEGORY log for plaque or certificate consideration. However, SINGLE BAND entrants, are allowed to operate on other bands, to encourage activity. Any logs other than their chosen band log, will be used as check logs.

XIII. Plaque List.
(Separate file). Additional Plaque donors are always needed for the contest. Contact K5DJ.

XIV. LOG INSTRUCTIONS:

1. All times must be in UTC. All rest periods must be clearly marked.
Single Operator logs must be submitted in chronological order.
Multi-Multi logs must be submitted chronologically by band.
Multi-Single logs can be submitted either way.
2. Prefix Multipliers should be entered only the first time they are contacted. They must be clearly marked.
3. Logs must be checked for duplicate contacts, correct points, and prefix multipliers. Duplicate contacts must be shown.
4. An alpha/numeric check list of claimed PREFIX multipliers must be submitted with your log. Unless disk or electronic entry is submitted.
5. Each entry must be accompanied by a Summary Sheet listing all scoring information, the category of competition, and the contestant's name and mailing address. May be electronic.
Also submit a declaration that all contest rules and regulations for amateur radio in the country of the contestant have been observed.
6. Official logs and sample summary sheets are available. A large self-addressed envelope with sufficient postage or IRC's must accompany your request. Contest software, e.g. RTTY by WF1B and OH2GI- HAM SYSTEM, is available and they are considered

adequate

logging software for this contest.

7. Contest logs may be submitted on disk, E-mail, or Internet.

Logs

submitted on disk must contain all required information.

(Date,

Time, Band, Call, RST & NR Sent, RST & NR Recd, Multiplier,

and

QSO Points). Files must be in ASCII format and in

chronological

order for Single Operators and Multi-Single entrants.

Multi-Multi

entrants must submit logs chronological by band. A sorted multiplier file is also required.

Only MS-DOS compatible disks will be accepted (either 5 1/4

or

3 1/2 inch). A SASE with QSL Card will get a reply that your log has been received. Internet logs must be uuencoded or

file

attached. E-mail confirmations will be done.

XV.

DISQUALIFICATION:

Violations of amateur radio regulations in the country of the contestant, or the rules of the contest, unsportsmanlike

conduct,

taking credit for excessive duplicate contacts,

non-verifiable

QSO's or multipliers will be deemed sufficient cause for disqualification. Incorrectly logged calls will be counted as non-verifiable contacts.

An entrant whose log is deemed by the Contest Committee to

contain

a large number of errors may be disqualified. The contest committee's decisions are final.

XVI.

DEADLINE:

Entries must be postmarked no later than thirty (30) days

after

the end of the contest. The World Wide RTTY WPX Contest will always be the Second (2nd) full weekend of February.

The World-Wide RTTY WPX Contest is not connected with CQ

Magazine,

however it's existence was inspired by the famous CQ WPX SSB and CW contests.

Mail Contest Entry and Logs or Disks to:

Ron Stailey, K5DJ
504 Dove Haven Dr.
Round Rock, Tx. 78664-5926
USA

Or via Internet: k5dj@easy.com

For World-Wide WPX rules, log forms or information, contact;

Eddie Schneider, W6/G0AZT
P.O. Box-5194
Richmond, CA 94805
USA

Please enclose an SASE or return postage.

Or via Internet: edlyn@global.california.com

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
Subject: [10749] WTB BASIC STAMP II
Message-ID: <Pine.GS0.3.95.970202090516.24244B-100000@destrier.acsu.buffalo.edu>

I am looking for a source for some BASIC STAMP II chips.
They are 24 pin IC's. You can connect them to your serial port and
program it in Basic. Once programmed you can disconnect the PC. It's 16
i/o lines can be configured via the programming to do all sorts of amazing
things like serial i/o for talking to other STAMPS, PCs or other chips,
read resistances, count pulses or measure their width, generate DTMF for
dialing phones, controlling X-10 wireless Radio Shack 120VAC control
modules, pulse width modulation etc.

Also need LM016L 2x16 LCD
and DS1302 Dallas clock chip (Dallas semiconductors (with 32.7Khz clock
xtal

Any leads would be helpful

73,

Jim N2GO

The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: William Penhallegon <w4stx@gte.net>
Subject: [10781] WTB Old Speedex Key
Message-ID: <32F52817.6E84@gte.net>

Does anyone have an old Speedex straight key for sale? I am looking for a key like I had as a novice back in 1956. Please send reply direct to

w4stx@gte.net

Tnx es 73, Bill W4STX

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: "M. Monninger" <markem@primenet.com>
Subject: [10782] Yet Another 38S Lives
Message-ID: <3.0.1.32.19970202135038.00955520@mailhost.primenet.com>

After seeing all the posts about 38S's I decided to throw my \$0.02 in.

Finally managed to get mine finished (problem was time, not difficulty) the other night and fired it up. Worked FB the first time. Got exactly 250mW output on my WM-1. Rcvr noise peaked easily but there was zero sigs on (it was about 10PM). Could just barely hear the RTTY at the top of the tuning range. Coverage is about 10.108 to about 10.125. The next day after work I fired it up earlier and heard several sigs. Rcvr working just fine. Last night I applied the 5W mod with the changes suggested by Paul, et. al. Presto! Five+ watts and a real clean sounding sig on my R-4B. I can get around 9W out (with a 13v) supply but it sounds kinda grungy...haven't checked it with a scope yet. At about 5.5W it sounds very nice on the sidetone & R-4. It has a pop on key-up (in the sidetone, not in the output) that is very noticable but it's still usable. So far I've done only the 5W mod. I have a TICK ordered and will probably install it when it arrives. Haven't decided about the RIT mod yet. Next step is to find a box to put it in. Then I'll listen for about two weeks before I try to actually work someone ;-). Been a long time since I've worked any CW so pls have patience.

Sure is a helluva deal for \$25. All the parts were there plus one extra

cap. Another winner from NorCal.

73... Mark AA7TA

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: DCrespy@aol.com
Subject: [10748] [10631] HW-8 Success
Message-ID: <970202085950_1894173208@emout09.mail.aol.com>

Steve,

you asked:

>I have ordered the HW-8 Handbook, so I may make some improvements, but I notice the manual calls for high impedance phones -) than 1000 ohms. I am using my old Heath-Zenith ones, which are low impedance and have nothing in the high range. HW-8 ownwrs out there - if you use the high impedance cans, is there a difference?? Just sounds now like all the sigs I hear are QRP, with an occasional boomer coming through. Is this the general experience with HW-8s?

I put a small audio transformer in mine.. at the time Radio Shack had a good one. it attached nicely to the rear panel. There should still be good availability..seems like phone line to speaker transformers are 600 ohm to 8 ohm..which should be close enough.

good luck!

Harry KG5LO
Saline MI

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: kb0rol@juno.com (Bradley L Mugleston)
Subject: [10735] Re: 38 Special
Message-ID: <19970202.002813.7591.0.kb0rol@juno.com>

On Sat, 1 Feb 1997 23:06:36 -0700 (MST) Brian Kassel
<bkassel@dancris.com> writes:

>I would suggest 10K Linear taper for the RIT mod,
>100K Linear taper for the tuning, just a single turn with a big

>knob worked OK for me, although a 6:1 reduction from Dan's Small
>Parts would probably make things abit better as far as tuning rate.
>

Brian brings up another point I was going to ask. The RIT on my Explorer has a detent at the center of the turn - I kind of like this (I know where I am) is there anything I should look for when looking at these things?

I love building this stuff, but a degree in business doesn't help at all with the things I really find I enjoy doing.

Thanks again, this is a great group.

Brad Mugleston - KB0ROL
Colorado QRP Club # 170, QRP-L #316, ARRL
QTH - Aurora, CO - DM79oq
KB0ROL@JUNO.COM
BMUG@GWL.COM

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: dwink@juno.com (Daniel C Winkler)
Subject: [10725] Re: 38s help with TX.
Message-ID: <19970201.204710.4839.3.DWink@juno.com>

Hi John,

On Sat, 1 Feb 1997 17:14:33 -0600 ukii@megsinet.net (ukii) writes:
>Ok Gang,I got some kind of output from the 38s,but it is
>at 10.139.
>I cant seem to lower it at all with TC2.

TC2 does not tune the frequency of interest. It is a filter for the (horrible) output of the transmit mixer, the NE602 known as U3. U3 puts out a bunch of frequencies. It should put out just the sum and difference of the two crystal frequencies, 22.118 and 12.000 (nominal frequencies)--- that is, it should just give you 10.118 (wanted) and 44.118 (garbage). But in reality there are probably some other mixing products there too. The job of TC2 and L2 are to filter out everything except the 10.1xx frequency that you want. Changing TC2 can only change the degree/quality of filtering action that this circuit provides, so TC2 better be just right!

What you are looking for is the circuit which truly changes the frequency of operation. That is the VXO associated with U1, another NE602.

> I will remove the turns I put
> on L1 and see what that does

Ahhh, there you go. You knew all along! But actually you should be ADDING turns to lower the frequency of X1. So if you have already added about 5 turns to L1, and L1 was really 4.7uH to begin with, then something is amiss.

(Time passes) Well, I'm glad I let that one sit in the outbox for awhile. I had about 4 long paragraphs in here that are probably all wrong.

You wound some extra turns around L1 as I suggested in my post, did you not? I'd be willing to bet that you wound them BACKWARDS. Oh, you may have followed my instructions to the letter (hard to describe such a visual thing, tho), but maybe YOUR choke is the one that got the color code put on backwards, so my instructions had you putting on the extra windings backwards, which of course DECREASES the choke's inductance. Take the windings off and wind the other way...

> I still have that tone running all the time

Do you mean sidetone? Ah ha. Is D8 ok? Maybe some or all of T- is activated---a solder bridge?

Hope that helps.

73, ; D DWink@Juno.com Dan Winkler N7IVR Seattle, WA

-----whom the gods would destroy, they first make proud -----

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: ori@juno.com (Ori K Mizrahi-Shalom)
Subject: [10732] Re: 38S POWER CHECK
Message-ID: <19950201.214718.4423.5.ori@juno.com>

Mark WB0IQK wrote:

> I WANTED TO SEE IF THE 38S WOULD RUN ON ANYTHING BELOW 8 VOLTS
(BYPASSING
> 7808). IT WOULD RUN A LITTLE DOWN TO ABOUT 7.5 AND THEN THE XMITTER

WOULD

> STOP WORKING ALL TOGETHERS.

It's true that the 38S was tested only for an 8V operation from a regulator.

On the other hand, there's nothing magical about 8V. All the chips work at

6V by spec. I suspect the "problem" circuit is the 2N3904 TX amp. It is biased for minimal current consumption for the gain required. It shouldn't

be hard to "fix". The side effect from that would be a few more mA current drain

on TX when you go back to 8V operation.

Mark's plan, using a 7V regulator is sound and requires only resistors change

in the 2N3904 circuit.

Those planning to run without a regulator must consider some regulation for

the varicap and RIT circuits. A small 5V regulator will cost only 2 KHz of

tuning range (and the tuning rate becomes much less critical).

A hefty battery is probably safe without any regulation, a 7.2V NiCad (in a

9V shell) is not.

72

ORI AC6AN

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997

From: dwink@juno.com (Daniel C Winkler)

Subject: [10753] Re: 38S POWER CHECK

Message-ID: <19970202.073525.4639.4.DWink@juno.com>

On Sun, 02 Feb 1997 00:49:59 EST ori@juno.com (Ori K Mizrahi-Shalom) writes:

>

>Mark WB0IQK wrote:

>

>> I WANTED TO SEE IF THE 38S WOULD RUN ON ANYTHING BELOW 8 VOLTS ...
(Ker-snip ... answer was not below 7.5v) ...

> the "problem" circuit is the 2N3904 TX amp.

... (snip) ...

>Those planning to run without a regulator must consider some

>regulation for the varicap and RIT circuits.
> A small 5V regulator will cost only 2 KHz of tuning range.

You'll probably still want the 5 volt regulator for the TiCK.
Use the regulated voltage to bias the 2N3904 TX amp.

Or if you don't like that, add a pilot light consisting of a high output LED biased to draw just 1 or 2 ma at your lowest operating voltage (?6). A forward biased LED has a reasonably sharp voltage/current "knee". Between 1 and 2 ma the voltage drop will go up only a few mv (quick lab test: LED#1 1ma-->1.70v; 2ma-->1.74v LED#2 1ma-->1.54v; 2ma-->1.56v). Use your pilot light to remind you that you left your rig on (in my hands, in the long run, it will more than pay for it's current consumption!!), and use the fairly constant voltage drop to bias relatively uncritical circuits like the TX amp.

This LED voltage regulation is not good enough for the VXO, however. An LED is not a substitute for a zener diode or (even better regulation) a 78Lxx. Unless of course you stabilize the current through the LED, which can be done with a complementary pair of transistors and one resistor... but then we are getting a little too complex, and you might as well use a 78L05 and insure an adequate load through it (see somebody's previous post on minimum loads for regulators) by powering your pilot light.

Geez I love this group. So many ideas floating around. I love the ongoing detective story about the "Thump". Are we having fun, yet?
YOU BETCHA.

73, ; D DWink@Juno.com Dan Winkler N7IVR Seattle, WA

-----whom the gods would destroy, they first make proud -----

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: NilsBull@aol.com
Subject: [10701] Re: antenna opinions wanted
Message-ID: <970201190602_915166579@emout04.mail.aol.com>

Kevin & Ken,

I'm just a linguist/pedant who has a bunch of radios and has survived a couple high voltage shocks, but I'll tell you about my antenna experiences.
So...

IF you're interested mainly in 10m FM and you can't place a tower, you have to ask if you can place a pole up against the side of the house and put some small antenna on it. A small antenna like you'd need for 10m FM can be made by modifying a two-element 11m beam (such as RS sells or at least used to sell). My experience with 10m anything was that ground mounted vertical antennas are a nominal waste of time and space. If you can put up a vertical in the yard, you should be able to put up a 22 ft pole against the house with a small beam on it. You can rotate it by hand. That's what I do with the FM radio antenna in the print shop. I go out in the yard and point it at the appropriate station and go inside to set type to Beethoven or Charlie Parker.

IF you're interested in multi-band, multi-mod stuff and you can't put up a tower, you can always put up an 22 ft pole against the house and use some dipole legs to secure it for foul weather. That's what I did with the pole that has the FM antenna on it in the printshop. I used some cheap antenna wire and made a 40m inverted vee to hold the pole up. That way I can turn off Bud Powell or Defalla and turn on the 40m DCtrx and listen to the fox hunts while I set type.

IF you've got the room to put up some wire, and a pole to hold it up, you might also try (and this is for the brave and stupid, I admit) putting an 22 ft pole on a perch on the roof and using dipole legs (they get longer this way) and 300 Ohm feed line to make a multi-band tuneable set up. I used to use this when I was active in the OVTN back in the 70s. I could hang around on 75m and listen in on 15. For the higher bands (above 20m mostly) it was a dog to tune and use. But I had lower expectations then. Kinda like now but different. More Stanley Turentine and Delius; less OVTN/75m Late Night Radio.

The 22 ft pole trick is simple enough: Fine out if the local hardware joint or fence place carries the 22 ft version of the top rail used in chain-link fences. These top-rail pieces come in 11 ft sections which swage together. The 22 ft ones are actually cheaper (or they were when I got my 2) than two 11 footers. They are the right diameter for most antenna hardware and, interestingly enough, make reasonably good starters for 30m vertical antennas. An appropriate insulator (beverage bottles, mating pieces of PVC pipe, a brick, the top of the roof, whatever) and you've got a vertical for 30m and a pole to support wire antennas.

Just my five or six shillings worth. Yeah, I know. Shillings are like so superceded... or is that "Ubergehoben"? Hmmm.... Ok, then, that's my fem kroner's worth. Or besh piastreler. Or a chicken. Usually it's a chicken, but that's 'cause the cheese otters won't take a paycheck in anything but chickens. That and rabbit venom.

73

Nils

WB8IJJN +c

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: GREGOIRE@endor.com
Subject: [10750] Re: antenna opinions wanted
Message-ID: <Chameleon.970201212318.GREGOIRE@Gregoire.endor.com>

On Feb,1 Nills wrote:

<I'm just a linguist/pedant who has a bunch of radios and has survived a couple high voltage shocks,>

Soooo, that explains it!

de AA1IK, Ernie

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: NilsBull@aol.com
Subject: [10745] Re: Badger Traps Rx
Message-ID: <970202080604_1860618959@emout04.mail.aol.com>

You have to put a small jigger of rabbit venom on the front porch next to your washing machine and sit there for two nights with a couple thawed (important stuff, this thawing) zebra marshmallow lizards in your lap. Try to hold them there as if you were holding a double-barrelled 12-guage but without the stock. Then, on the third night, let the lizards into the house and go back out to run some underwear through the washer. Stop at the spin cycle, bring the lizards back out, run around the house three times counter-clockwise (relative to true north... not the magnetic declination bit) and stop at the back door when you're done.

That usually does it. Sometimes you have to dress the lizards in cut-out-doll clothes, but most of the time they're happy to run around nekkid.

If that don't work, you'll have to play the CD cut of William Burroughs reading his short story, "Where He Was Going" (on "Dead City Radio") at midnight to the lizards. Much big juju that one, sahib.

Oh, one more thing: don't let the dog drink the rabbit venom. It just makes 'em mean.

Nils
WB8IJN +c.
... and over here, a little shrubbery....

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: "Jim Kortge, K8IQY" <jokortge@mci2000.com>
Subject: [10708] Re: Builders
Message-ID: <1.5.4.16.19970202022039.23ffa6ac@mail49.mci2000.com>

At 10:50 PM 1/31/97 -0500, Gary/N8AYY wrote:
>Isn't anyone building anything other than the 38S? Ok, I ordered one
>myself and hope to receive it next week when the next shipment goes out,
>but it seems like someone must be building some homebrew/commerical or
>other radios out there, so please post to the list.

Well, as a matter of fact, I am breadboarding some circuits
that hopefully will become a 2 band ssb rig. The first
band will be 40 meters, and the second band will be what every
you want via a transverter arrangement. I'm thinking of
17 meters for a second choice, but 6 and 2 meters might be
in the offing too. I haven't posted anything yet because it
it too early to do so.

But stay tuned....in the meantime, I'm having fun building
my 38S and trying out some ideas in that rig.

72 and kind regards.....Jim
Jim Kortge, K8IQY (ex NU8N) | BMHA, NorCal, QRP-L
jokortge@tir.com | __o Cascade 17/40 SSB
Fenton, MI | _'\< Mizuho 17/40 SSB
... .. (*)/(*)

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: tayloe_d@juno.com (Daniel R Tayloe)
Subject: [10747] Re: Builders
Message-ID: <19970202.065250.7719.1.tayloe_d@juno.com>

>Isn't anyone building anything other than the 38S? Ok, I ordered one
>myself and hope to receive it next week when the next shipment goes out,
>but it seems like someone must be building some homebrew/commerical or
>other radios out there, so please post to the list.

I love to build! I build from scratch taking ideas from various different rig designs I read about.

So far I have built CW mono band QRP transceivers for 80,40,30,20 and 15m. My most recent rig was a 1.8/18 MHz image dual bander.

My more recent projects have included, modifying these rigs to 5w output, which I wrote to the net about, starting the installation of Tick keyers in all these rigs (part way done), and work on a switched capacitor audio filter. So far I am disappointed in the results of the audio filter, so I need to work more on that.

Good luck!

- Dan Tayloe, KK7BD, Phoenix, Az, QRPL #696, Az ScQRPions

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Stanley Wilson <microres@crl.com>
Subject: [10758] Re: Builders
Message-ID: <Pine.SUN.3.91.970202085038.25831A-100000@crl12.crl.com>

I have several non-38s projects on the bench. All most all of my stuff is non-kits. However, I do like to obtain the PC boards from FAR circuits and use them in my projects if possible. So whats on the bench.

- 1) A beacon controller. This uses ve2iq's dsp ckt (arrl hb), a 8051 uP and lots of relay and led displays. Sort of work in progress. I just keep adding circuits. Beginning to almost look finished.
- 2) GPS receiver. Using a motorola engine and wire wrap circuit. This will be apart of my CCW project for frequency control. Will use the Showtime software. I plan on adding a LCD time display.
- 3) I have a NW8030 which I am putting in a new case.
- 4) I also have a 49er which I am redoing. Improving, maybe.

As you can see my workbench could win the messy not finished photo contest. So what are you all doing ? Any pure homebrew projects in the works by anyone.

de stan AK0B

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: kd1jv@juno.com (Steven Weber)
Subject: [10778] RE: Builders
Message-ID: <19970202.151120.8055.3.KD1JV@juno.com>

Sure we always have all kinds of projects going on. But I'll tell you, keeping up with all the messages on the list (like this one) sure has slowed me down a lot!

Just not enough days in an hour.

de Steve, KD1JV in NH.

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Mark Gilger <mgilger@concentric.net>
Subject: [10700] Re: Dans Small Parts
Message-ID: <3.0.32.19970201185738.006b2b30@pop3.concentric.net>

<http://www.fix.net/dans.html>

REGARDS, MARK -WB0IQK/8-

At 01:59 PM 2/1/97 -0700, Steve Hurst wrote:
>Could some on please post the URL for Dans Small Parts, I have misplaced it
>! :-)
>
>Tnx and 73,
>Steve
>KA7NOC
>di dit
>
>
>
>

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>
Subject: [10774] Re: DX on 15M sunday
Message-ID: <Pine.A41.3.95b.970202113012.85088A-100000@homer32.u.washington.edu>

Hmmmm, I heard a ZL1MH/FOC on Saturday, Feb. 1. Had him 579 with some QSB but the op must not have been receiving my reply. Lots of honeydews to take care of so wasn't listening for very long.

There was a 3 watt beacon on 28.2913 originating in Seattle, WA.

Stephen Lee, AB7HI

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: "Bob Follett" <bfollett@ditell.com>
Subject: [10779] RE: FDIM Registration -- Latest Update
Message-ID: <199702022025.NAA17071@orion.ditell.com>

Gang:

Registrations for FDIM 97 are continuing to arrive on a daily basis. Here is the latest list of registrations I have received:

LAST	FIRST	CALL
Albert	Ted	KF8EE
Bachmann	Richard	N3SLR
Benson	Dave	NN1G
Butler	Ralph	K6ZAN
Carr	Mike	WA1QAA
Corbin	Robin	NI9R
Corbin	Lowell	W8IQB
Cumming	John	VE3JC
Douglas	Preston	WJ2V
Doyle	Ron	N8VAR
Doyle	Don	AC5II
Evans	Ken	W4DU
Everhart	Joe	N2CX
Firth	Graham	G3MFJ
Fishpool	Tony	G4WIF
Fitton	Jim	W1FMR
Follett	Bob	AB7ST
Gaffney	Bernard	N8PVZ
Gobrick	Bob	N0EB
Goemans	Paul	WA9PWP
Greer	Jeffrey	WD4ETO
Heron	George	N2APB
Hintz	Gus	W2ZHA
Karty	Steven	N5SK
Lynch	Martin	KA1LXG
Manuel	Ed	N5EM
Matheson	Hugh	K0QD
Meier	Pete	WK8S

Midkiff	Monte	N7TAU
Muscolino	Bruce	W6TOY/3
Owen	James	K4CGY
Passione	Vince	WA2ECP
Puckett	Dan	WD8AAU
Reid	Glen	K5HGB
Roberts	Ken	
Rosenfeld	Scott	NF3I
Schill	Bob	N9ZZ
Stafford	Jim	W4QO
Windish	Walt	KB2JE
Winkler	Dan	N7IVR

FDIM 97 is May 15th, the day before Hamvention at Dayton. The conference runs all day at the Days Inn South, Miamisburg, OH

If you have not registered yet, send \$30 in US funds, check or MO, made out to Bob Follett, using the address below. A reminder, Pete Meier, WK8S, will handle the Banquet ticket reservations, and has posted his own instructions to the List.

HOTEL ROOMS:

I talked to Buck, ARCI President, and he stated that Myron has, as of now, filled his block of 40 rooms at the Days Inn So. While there may be last minute cancellations available through Myron, or direct with the hotel, I suggest making reservations at one of the nearby hotels. I am providing a list, with phone numbers, taken from the Hamvention 97 brochure. They refer to this area as Section IV, for reference.

Best Western Continental Inn, Miamisburg,	(937) 866-5500
Days Inn South, Miamisburg,	(937) 847-8422
Econo Lodge South, Dayton,	(937) 223-0166
Holiday Inn Dayton South, Moraine,	(937) 294-1471
Knights Inn Dayton South, Miamisburg,	(937) 859-8797
Red Roof Inn Miamisburg, Miamisburg,	(937) 866-0705
Signature Inn, Miamisburg,	(937) 865-0077
Super 8 Motel, Moraine,	(937) 298-0380

73, Bob
FDIM Registration Chair

Bob Follett AB7ST, QRP-L # 129, NorCal, ARCI, 10-10, ARS
2861 Estates Dr. VOICE: 801.649.6457
Park City, UT 84060 E-mail: bfollett@ditell.com

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
Subject: [10723] Re: FSFD 15m Sunday Afternoon
Message-ID: <19970202043937.AAA3672@LOCALNAME>

Byron.. I sent a msg to you incl. from Laura re 15m but it bounced... hope it reaches you this way. I've accepted an invitation to a regional mtg in MA tomorrow and won't be able to make it. Perhaps Laura can. However, I WILL be avail for 15m skeds most any time, and am very interested. Pls advise.

Apologies re Sunday. 72, =s=

"Seab" Lyon - AA1MY
Bethel, CT; FN-31-HJ
ARCI#9253; QRP-L #574
NEQRP#511; ARRL; QCWA

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Bob Patten <n4bp@shadow.net>
Subject: [10741] Re: FSFD South Carolina Feb. 9 - Requests??
Message-ID: <Pine.SOL.3.91.970202044019.17849D-100000@hyper>

On Sun, 2 Feb 1997, Gary M. - W2UX wrote:

> Anyone have any special requests for South Carolina. I am scheduled to be
> on on Sunday the 9th of Feb. Hope that has not changed. I am putting
> together a sked of times and freqs and want any input. I will give to Jim
> to post. I will definitely be on 40M (my favorite band) in the morning and
> evening.
>

Since you asked... 20 & 30M between 1PM and 6PM EST - whatever time period in that range that fits into your schedule.

Bob Patten, N4BP
Plantation, FL
n4bp@shadow.net

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: dwink@juno.com (Daniel C Winkler)
Subject: [10786] Re: Messy Shack contest
Message-ID: <19970202.132744.4951.0.DWink@juno.com>

On Sun, 2 Feb 1997 09:39:48 -0800 (PST) Monte Stark <ku7y@sage.dri.edu> writes:

>A clean shack is the sign of a sick mind!

By gum, my mind must be really, really healthy!!! Or is it a linear relationship? If it's a log relationship then I must be close to sainthood or somethin'. If it's just inverse-square (like radio waves), then I guess I plot out only just a little above normal. How do you measure such a thing??

It occurred to me that this was ONE contest I had a decent chance of winning, since I haven't seen large portions of my "lab/shack" floor for years. Haven't seen my desk in longer. The anonimity question is a problem- who knows what fiends lurk on the list? They might have a little trouble with the dogs if they came to visit ME, but still...

How about NOT publishing the calls with the shack? Not even the winner. Just the pictures. And some alias, if the submitter wishes. Heck, you don't even have to send your name or call with the picture!

Ob QRP (well, sorta) Monte (Midkiff, N7TAU - my ham buddy and ... ?elmer-ee {what IS the word for the recipient of an elmer's [in this case somewhat dubious] help??}{this relationship is 2-way: Monte is the one pushing me to get on the air!}) dropped off my TiCK keyer this morning (we order stuff for eachother). Now I have another delemma:

- A . Start on the Honey-do's
- B. Start the TiCK keyer (Monte ordered the whole thing, not just the chip, so I'll build it that way and start practicing paddle)
- C. Start the NC 38S
- D . Finish the (highly modified) 40-niner
- E. Wallow in THE LIST or surf the net using all the keen url's that came along on the list this week....
- F. Re-read stuff from my "Nils" folder (Yes, really. Some of it is too funny to delete!)

Hmmmmm

73, ; D DWink@Juno.com Dan Winkler N7IVR Seattle, WA
-----whom the gods would destroy, they first make proud -----

PS Did anyone notice that " G. Clean up the shack" somehow escaped the list the first time around?? Does that have any significance?

(BTW and FWIW, I am doing a Honey-do).

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: dwink@juno.com (Daniel C Winkler)
Subject: [10724] Re: NC38S Mods List
Message-ID: <19970201.204710.4839.2.DWink@juno.com>

On Sat, 1 Feb 1997 13:18:56 -0600 "Chris Wilken"
<cwilken@greatlakesav.com> writes:
>I have a file containing all NC38S posts (mainly mods)
>
>If anyone is interested, I also have all 40-9er posts in a similar
>fashion

I wonder if there's a public spot somewhere for these files, so
that we all don't have to go bothering Chris individually?

73, ; D DWink@Juno.com Dan Winkler N7IVR Seattle, WA

-----whom the gods would destroy, they first make proud -----

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Bill Myers <bmyers@destin.nfds.net>
Subject: [10755] Re: NC38S Mods List
Message-ID: <1.5.4.16.19970202101101.1b572db4@destin.nfds.net>

At 08:27 PM 2/1/97 PST, Daniel C Winkler wrote:

>On Sat, 1 Feb 1997 13:18:56 -0600 "Chris Wilken"
><cwilken@greatlakesav.com> writes:
>>I have a file containing all NC38S posts (mainly mods)

> I wonder if there's a public spot somewhere for these files, so
>that we all don't have to go bothering Chris individually?

I have many of the posts myself BUT most of the MODS are contained on the
NORCal Homepage. If some people want ALL of the posts, and Chris wants to
send them to me, I can put them up on my homepage for all to access. BUT, I
will only be able to update every other day or so...

72/73

--

Bill Myers KK4KF Grid - EM60rk
FISTS#2390 QRP-L#755 ARCI#9282 scQRPions#42
CQC#386 NE#508 AK/QRP#081
Snail Mail P. O. Box 178 Shalimar, FL 32579
e-mail <bmyers@destin.nfds.net>
homepage <http://destin.nfds.net/~bmyers/>
CHECK OUT THE FISTS INTERNATIONAL CW CLUB U. S. HOMEPAGE
<http://n9nvv.qrp.com/~fists> (That's N 9 N V V)

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [10716] Re: nc40a audio / lm386 question
Message-ID: <Pine.SUN.3.90.970201192528.19309A-1000000@vortex.sage.dri.edu>

Hi Buck and the gang,

I can't remember who all wanted to know about the phones that
seem to help the audio on the 40a.

He is all that is on them:

STEREO HEADPHONE
MODEL NE-4603P
N
RIGHT (the other side is LEFT)
IMP. 4~16 OHM
MADE IN JAPAN

That's it folks....nothing else on them. But they work great.

I got them in a junk box a few years ago.

Sorry I don't have better info.

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....

....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: kd7s@psnw.com (Bill Jones)
Subject: [10702] Re: NorCal meeting Sunday
Message-ID: <199702020025.QAA08613@sierra.psnw.com>

Just wondering if anyone plans to attend the NorCal club meeting with a 38
Special for show-'n-tell besides myself.

=====

Bill Jones - KD7S <><
Sanger, California
Reply to kd7s@psnw.com

=====

From owner-qrp-l@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Bob Roach <KE4QOK@worldnet.att.net>
Subject: [10739] Re: Powerline noise "How To"
Message-ID: <19970202082917.AAA25356@LOCALNAME>

At 01:12 PM 2/1/97 +0000, you wrote:

>Bob,

>

>Many thanks for the info and advice. Hope one of the QRP journals picks
>this up and reprints it with your permission (yes, I know Ron Stark is
>tuned in).

By all means, reprint to your hearts content. I would like to see someone
do some research in other localities to see if conditions a similar. All
I ask is to keep all the "be nice/polite/grin and bear it" messages intact,
as I believe this is of the upmost importance if one is going to be
successful in this area of endeavor.

(o o)

-----o00_()_00o-----

73 es TNX

KE4QOK

Real radios glow in the dark.

Bob

Power is no substitute for skill.

If it stayed up last winter, it was too small.

136 Hermitage Rd.

Newport News, Va. 23606 KE4QOK@worldnet.att.net

(757)930-0348

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: "Bob Follett" <bfollett@ditell.com>
Subject: [10713] RE: QRP Digital Mode
Message-ID: <199702020240.TAA29482@orion.ditell.com>

Gang:

I turned on the digital display to catch the tail end of the NW QRP Club contest, and decided to make a few qrp contacts.

Lo and behold, in one hour, I manage about 12 stations, including Delaware and Rhode Island!! I never have worked those states on CW....

Me thinks too many of us are getting hung up on CW as the "Only" mode for QRP. That was fun!

Now all we need is for a designer out there to meet the periodic call for a FSK board that can be adapted to various qrp rigs. Isn't there anyone out there up to the challenge? Mr. Burdick was once talking about it, but to my knowledge, that was about it....

73, and back to CW mode, Bob

Bob Follett AB7ST, QRP-L # 129, NorCal, ARCI, 10-10, ARS
2861 Estates Dr. VOICE: 801.649.6457
Park City, UT 84060 E-mail: bfollett@ditell.com

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Dave Sjolín <sjolin@swbell.net>
Subject: [10736] Re: QRP Digital Mode
Message-ID: <32F434DA.5A67@swbell.net>

Bob Follett wrote:

> I turned on the digital display to catch the tail end of the NW QRP Club
> contest, and decided to make a few qrp contacts.
>
> Lo and behold, in one hour, I manage about 12 stations, including Delaware and
> Rhode Island!! I never have worked those states on CW....
>
> Me thinks too many of us are getting hung up on CW as the "Only" mode for QRP.
> That was fun!

As a RTTY contester I can tell you that the RTTY folk would welcome you with open arms, especially on Sunday afternoons when they have worked everything in sight. My big contest is the RTTY Roundup in January but there are contests throughout the year. Matter of fact, I think the WPX is next weekend. Stop by and join the fun.

BTW, there is a computer program for RTTY contest put out by WF1B. It is really slick. Click on the stations call on your screen and it is inserted into your log. Same thing with signal report and state. Push a few buttons and click the mouse a couple of times and another one is added to the log. Should take the fear of contesting for newcomers.

> Now all we need is for a designer out there to meet the periodic call for a
> FSK board that can be adapted to various qrp rigs. Isn't there anyone out
> there up to the challenge? Mr. Burdick was once talking about it, but to my
> knowledge, that was about it....

Bob, dont forget to design in a large heat sink and maybe a fan. Unlike cw, RTTY has a 100% duty cycle. HI

73 de Dave, N0IT

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: wylde@nccn.net (Grover, K7TP)
Subject: [10757] Re: QRP Digital Mode
Message-ID: <v02130500af1a75d4a56e@[205.139.74.166]>

>
>As a RTTY contester I can tell you that the RTTY folk would welcome you
>with open arms, especially on Sunday afternoons when they have worked
>everything in sight. My big contest is the RTTY Roundup in January [SNIP]
>
>73 de Dave, N0IT

Wonderful, but how can you convince the rtty contesters that it ain't quite fair to use nearly the entire band for the contest? Even during the off-contest times I've heard QRO rtty stations as low as 7030. (Similar examples for the other bands abound.) It would seem to most thinking amateurs that there is enough room above 7050 for the digital modes.

I was once quite active in rtty, amtor, etc., but as of late I've become quite annoyed by what seems to be an inconsiderate "occupation" of lower and lower frequencies within the bands by these folks.

Grover
K7TP

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: Dave Sjolín <sjolin@swbell.net>
Subject: [10770] Re: QRP Digital Mode
Message-ID: <32F4E397.925@swbell.net>

Grover, K7TP wrote:

>

> Wonderful, but how can you convince the rtty contesters that it ain't quite
> fair to use nearly the entire band for the contest? Even during the
> off-contest times I've heard QRO rtty stations as low as 7030. (Similar
> examples for the other bands abound.) It would seem to most thinking
> amateurs that there is enough room above 7050 for the digital modes.
>

In Europe, rtty is only allowed in the lower portion of the 40m band.
SSB reigns in the area between 7050 - 7090. International dx frequency
for rtty is (you guessed it) 7040. Usually when you hear activity that
low it is either overseas or has been caused by some semi-rare dx
calling cq there. Of course, there are some idiots here in the US that
will go down there and call cq during a dx contest for half an hour. But
they are in the minority.

Up in the rtty segment on 40m (7060 - 7090), rtty has to contend with
ssb, cw, packet, amtor, pactor and clover. Even during a contest
weekend, you will hear a wide variety of incompatible modes all battling
it out to be heard.

> I was once quite active in rtty, amtor, etc., but as of late I've become
> quite annoyed by what seems to be an inconsiderate "occupation" of lower
> and lower frequencies within the bands by these folks.

Grover, it may be that some of these operators are getting more
inconsiderate. On the other hand it may be that band conditions are
forcing more and more stations to 40 meters or lower to be able to work
any dx. Hopefully as band conditions improve, this overcrowding will
disappear.

I hope you will have fewer problems with rtty ops and that when the big
contest weekends occur, that you might consider joining in on the fun.

See you later, 73 de Dave, N0IT

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: talljazz@teleport.com (Dan Presley)
Subject: [10738] Re: qrp homebrewers?/brewers
Message-ID: <v01530517af194d255dcd@[206.163.124.11]>

My trouble is that I store the finished beer in the radio room (right temp-about 60F) which may be the cause of some of my mistakes on projects! I have found that frequent applications of this product to my neighbors work wonders with RFI complaints. The 'handbook' for homebrewing is "The Joy of Homebrewing" by Charlie Papazian. How about a frequency "hopping" contest?
Dan N7CQR

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [10722] Re: Straight Key - Painless All Day Ops
Message-ID: <8D1351C.00040004A8.uuout@cheaha.com>

-> One of my favorite keys is a Nye-Viking "Master Key" which has a navy
-> knob and a heavy cast metal base with rubber feet.

I'm a relatively new ham and have been using the "Master Key" since day one. Though I've not used any others, I've toyed with some at some hamfests. I feel very comfortable with the key and it's solid construction (heavy base for stability). Good tension adjustments. I usually send with my middle finger bisecting the small, top knob...the fingers on either side have about a "half-grip" on the knob. When I was preparing for my entrance into ham radio I read everything I could find. In one of the articles that I read it indeed stated to use the wrist...not the fingers to send the code. Well, after reading that I sat and thought about it. Since then I've been using the wrist-movement action and it seems to work quiet well....it comes second-nature now.

-> >> The trick I was taught was to place your wrist on the knob,
-> >> support your hand on a book, and start sending. Really!

I haven't ever heard of this before and can't quiet picture it in my mind(got visions of tube-type HW-8's dancing around in my mind).

.....

.....

WRIST

72/73
Ed Welch KF4KRV
QRP-L #873
Luverne, Alabama
Crenshaw County - Grid EM61

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+-----+
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----
+-----+

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> Isn't "time" a 4-letter word? <
```

Yes, you can do it that way but I wouldn't recommend it.. I have experimented with switching toriods with mixed results. A better method I've used was to switch in a capacitor to bump the frequency up or down as the case may be. I have a ols Small Parts Center 40 meter rig that I did that to. Just adding a switch and capacitor I was able to cover the whole 40 meter band in 150 KHz segments, stable too!

Mike WA6ARA

>This tuesday I ordered the new 40m ten tec qrp rig. I have not yet recieved
>the rig but on the web page they make mention of the fact that you can
>cover any portion of the 40m band by the winding of one torid. Right now I
>am a tech plus therefor limited to the novice portions of the 40m band but
>will be upgrading soon (or at least I'm gonna try).

>

>Therefor, is it possible to install a switch to select maybe three diffrent
>torids to give me from 7.100 to 7.150 ? I do not know how torids work, but
>I do know that the guage and length of wire used changes their operating
>characteristics. This would make me believe that any type of switching device
>would do the same? Is there any way around that? Can what I am talking
>about be done?

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997

From: "Gary M. Diana, Sr." <gmdsr@vivanet.com>

Subject: [10720] Re: TiCK keyer!

Message-ID: <32F40B98.4A29@vivanet.com>

Paul -

Glad to hear you are happy with the TiCK!

You paid exactly the price you were supposed to! The "8"
you see in the balance due column is MY sloppy "\$" with a
dash after it! We have sent out almost 250 TiCK orders in
the month of January, and my writing was getting a little
sloppy.

A few people received MONEY BACK, as they paid extra for
postage, and within the CONUS, TiCK orders are postage paid.

73, Gary N2JGU

Brad WB8YGG

Embedded Research

<http://www.vivanet.com/~gmdsr>

gmdsr@vivanet.com

From owner-qrp-1@Lehigh.EDU Sun Feb 2 18:02:04 1997

From: Monte Stark <ku7y@sage.dri.edu>

Subject: [10761] Re: your mail

Message-ID: <Pine.SUN.3.90.970202093840.20574C-1000000@vortex.sage.dri.edu>

On Sun, 2 Feb 1997 klh@cbqaa.cb.lucent.com wrote:

> I prefer to forfeit the notoriety of being the grand prize
> winner than to have confirmed by a board of distinguished judges,
> what my wife has been telling me for 30 plus years.

Come on folks.....

A clean shack is the sign of a sick mind!

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....